

Ligue des Bibliothèques Européennes  
de Recherche  
Architecture Group Seminar

---

## Building on Experience

### Learning from the Past to Plan for the Future

Documentation of  
new library buildings in Europe

Edited by Inken Feldsien-Sudhaus



Universitätsverlag Göttingen

Inken Feldsien-Sudhaus (Ed.)

Building on Experience

This work is licensed under the  
[Creative Commons](#) License 2.0 “by-nc-nd”,  
allowing you to download, distribute and  
print the document in a few copies for private or  
educational use, given that the document stays unchanged  
and the creator is mentioned.  
Commercial use is not covered by the licence.



Ligue des Bibliothèques Européennes  
de Recherche  
Architecture Group Seminar

## Building on Experience

Learning from the Past to  
Plan for the Future

Documentation of  
new library buildings in Europe

Edited by Inken Feldsien-Sudhaus

14<sup>th</sup> Seminar of the LIBER  
Architecture Group in Hungary:  
Budapest and Debrecen,  
8 – 12 April 2008



Universitätsverlag Göttingen  
2008

## Bibliographische Information der Deutschen Nationalbibliothek

Die Deutsche Nationalbibliothek verzeichnet diese Publikation in der Deutschen Nationalbibliographie; detaillierte bibliographische Daten sind im Internet über <<http://dnb.ddb.de>> abrufbar.

### LIBER Architecture Group (LAG)

Ulrich Niederer (chair)

Alessandro Bertoni

Steen Bille Larsen

Graham Bulpitt

Ewa Kobierska-Maciuszko

Tanja Notten

Márta Virágos

Isabelle Boudet

Marie-Françoise Bisbrouck

Inken Feldsien-Sudhaus

Elmar Mittler (corresponding member)

Sylvia van Peteghem



This work is protected by German Intellectual Property Right Law.

It is also available as an Open Access version through the publisher's homepage and the Online Catalogue of the State and University Library of Goettingen (<http://www.sub.uni-goettingen.de>).

Users of the free online version are invited to read, download and distribute it. Users may also print a small number for educational or private use. However they may not sell print versions of the online book.

Supplementary material available :

[http://webdoc.sub.gwdg.de/univerlag/2008/liber\\_anhang.pdf](http://webdoc.sub.gwdg.de/univerlag/2008/liber_anhang.pdf)

Satz und Layout: Inken Feldsien-Sudhaus

Umschlaggestaltung: Margo Bargheer

Titelabbildung: Lichthof Universitätsbibliothek Karlsruhe

(Foto: Thilo Mechau, Universität Karlsruhe)

© 2008 Universitätsverlag Göttingen

<http://univerlag.uni-goettingen.de>

ISBN: 978-3-940344-26-7

## Table of Contents

Introduction by Inken Feldsien-Sudhaus	6
Questionnaire	7
1. Amsterdam, Openbare Bibliotheek. The Netherlands	21
2. Amsterdam, UvA Special Collections Library - University of Amsterdam. The Netherlands	26
3. Antwerp, FelixArchief. Belgium	31
4. Antwerp, Openbare Bibliotheek Permeke. Belgium	36
5. Cork, Boole Library - University College. Ireland	43
6. Gdańsk, Biblioteka Gdańsk Polskiej Akademii Nauk/ Danziger Bibliothek der Polnischen Akademie der Wissenschaften. Polen	49
7. Gent, Library of the Faculty of Economics and Business administration. Belgium	55
8. Glasgow, The Saltire Centre - Glasgow Caledonian University. United Kingdom	60
9. Helsinki, Viikki Science Library. Finland	66
10. Isparta, Information Center, Suleyman Demirel University. Turkey	71

11. Izmir, Izmir Institute of Technology Library. Turkey	77
12. Karlsruhe, Universitätsbibliothek. Deutschland	83
13. Kaunas, Library and Health Sciences Information Centre - Kaunas University of Medicine. Lithuania	88
14. Kopenhagen, The Royal Library/University Library - Faculty Library of Humanities. Danmark	94
15. London, UCL Library Services - Main Library. United Kingdom	98
16. Lyon, Service commun de la Documentation de l'Université Lyon 1. France	104
17. Malmö, Orkanen Library - Malmö University. Sweden	110
18. Nicosia, Grand Library of the Near East University. North of Cyprus	116
19. Olsztyn, Main Library of the University of Warmia and Mazury. Poland	122
20. Pardubice, University Library. Czech Republic	128
21. Paris, Bibliothèque Sainte-Barbe. France	133
22. Poole, The Sir Michael Cobham Library - Bournemouth University. United Kingdom	139
23. Reims, Bibliothèque Robert de Sorbon. France	145
24. Southampton, Hartley Library - University of Southampton. United Kingdom	151
25. Tallinn, Estonian Academy of Music and Theatre Library. Estonia	157

26.	Tilburg, Library and IT Services - Tilburg University. The Netherlands	163
27.	Vilnius, Scholarly Communication Centre. Lithuania	166
28.	Weimar, Universitätsbibliothek der Bauhaus-Universität Weimar. Deutschland	172
29.	Wildau, Hochschulbibliothek TFH Wildau. Deutschland	179
	Seminar programme Hungary 2008	184

## Introduction

We have been able to publish this new documentation of recent library buildings just in time for the 14<sup>th</sup> Seminar of the LIBER Architecture Group. It takes place in Budapest and Debrecen (Hungary) from the 8<sup>th</sup> to the 12<sup>th</sup> of April 2008. I am glad to continue the tradition of publishing these volumes which was started by Professor Elmar Mittler (State and University Library Göttingen). As the European community is developing a stronger sense of identity, more and more international libraries want to be included in our publication. Most projects are concerned with scientific university libraries, but the readers will also find an archive as well as examples of public libraries in Amsterdam and Antwerp. Libraries today are not just a place to house information resources (and multimedia) but are also places for learning and communication. These functions also affect the design of the space. Therefore you will also find examples of “Learning Resource Centers” which support students in their learning.

I know that the questionnaire that libraries have to fill in is very long, and I should like to take this opportunity to thank all the contributors for their work; I should also like to acknowledge the support of all the members of the LIBER Architecture Group Committee. All the material I received needed to be reduced for the printed version, but you will find a full digital version on the supplementary CD-ROM.

Studying architecture drawings and photographs is not only way to get to know new libraries. Of course, it is also important to visit buildings too. The seminars of the LIBER Architecture Group give us a chance to discuss new ideas for library buildings and forthcoming projects in a specific region or country. Everyone is welcome to participate and to enrich the European dimension of the discussion. Please send any suggestions for programmes and themes to our Chairman, Ulrich Niederer ([ulrich.niederer@zhbluzern.ch](mailto:ulrich.niederer@zhbluzern.ch)).

Inken Feldsien-Sudhaus (Hamburg University of Technology TUHH)

Hamburg, February 2008

**LIBER Architecture Group (LAG)**  
**Grupo de Arquitectura LIBER**  
**Groupe de travail LIBER sur l'Architecture**  
**des Bibliothèques**  
**LIBER Arbeitsgruppe Bibliotheksbau**  
**Gruppo di Architettura LIBER**

QUESTIONNAIRE: DESCRIPTION OF NEW UNIVERSITY AND RESEARCH LIBRARY BUILDINGS IN EUROPE  
CUESTIÓNARIO: DESCRIPCIÓN DE BIBLIOTECAS DE INVESTIGACIÓN Y UNIVERSITARIAS DE RECENTE CONSTRUCCIÓN EN EUROPA  
QUESTIONNAIRE: SUR LES NOUVEAUX BATIMENTS  
DE BIBLIOTHEQUES UNIVERSITAIRES ET DE RECHERCHE EN EUROPE  
FRAGEBOGEN: NEUE GEBÄUDE VON UNIVERSITÄTSBIBLIOTHEKEN UND WISSENSCHAFTLICHEN BIBLIOTHEKEN  
QUESTIONARIO: DESCRIZIONE NUOVI EDIFICI DI BIBLIOTECHE UNIVERSITARIE E DI RICERCA IN EUROPA

**A General information about your library**  
**Información general sobre su biblioteca**  
**Information générale sur la bibliothèque**  
**Allgemeine Information über die Bibliothek**  
**Informazioni generali sulla biblioteca**

a) Name and address  
Nombre y dirección  
Nom et adresse  
Name und Adresse  
Nome e indirizzo

**1. Type of library:**

Tipo de biblioteca:  
Type de bibliothèque:  
Bibliothekstyp:  
Tipo di biblioteca:

**2. Name:**

Nombre:  
Nom:  
Name:  
Nome:

**3. Address:**

Dirección:  
Adresse:

Adresse:

Indirizzo:

**4. Phone, Fax and E-mail numbers:**

Teléfono, fax y dirección electrónica:

Numéros de Téléphone, Fax et E-Mail:

Telefon- und Fax-Nummer, E-mail-Adresse:

Telefono, fax e indirizzo di posta elettronica:

**5. Name of the director of the library:**

Nombre del director de la biblioteca:

Nom du directeur de la bibliothèque:

Name des Direktors /der Direktorin der Bibliothek:

Nome del direttore della biblioteca:

**6. Person to refer to with inquiries:**

Persona de contacto:

Personne à contacter:

Kontaktperson:

Persona da contattare:

b) Population served

Usuarios

Population desservie

Publikum

Utenza

**7. Current readership, number of registered readers:**

Número de usuarios registrados:

Nombre de lecteurs inscrits:

Anzahl der eingeschriebenen Benutzerinnen und Benutzer:

Numero di utenti registrati:

**8. Number of full time students:**

Número de estudiantes de plena dedicación:

Nombre d'étudiants à plein temps:

Anzahl der Vollzeit-Studierenden:

Numero di studenti a tempo pieno:

**9. Number of part time students:**

Número de estudiantes de dedicación mixta:

Nombre d'étudiants à temps partiel:

Anzahl der Teilzeit-Studierenden:

Numero di studenti a tempo parziale:

**10. Number of staff teachers, professors, researchers and administrators:**

Número de profesores, asistentes, investigadores y administradores:

Nombre d'enseignants, d'enseignants-chercheurs et d'administratifs:

Anzahl der Dozierenden, Forschenden und der Personen in der Verwaltung:

Numero di docenti, assistenti, ricercatori e personale amministrativo:

c) Conditions of the library (before the new project)  
Condiciones de la biblioteca (anterior al nuevo proyecto)  
Situation de la bibliothèque (avant le nouveau projet)  
Situation der Bibliothek (vor dem neuen Projekt)  
Caratteristiche della biblioteca (prima del nuovo progetto)

**11.Total floor area (sq. metres):**

Superficie total en metros cuadrados:

Superficie totale (en mètres carrés):

Gesamtfläche (in m<sup>2</sup>):

Superficie totale (in m<sup>2</sup>):

**12.Number of reader seats:**

Número de asientos:

Nombre de places de consultation:

Anzahl Benutzerarbeitsplätze:

Numero di posti di lettura:

**13.Total Capacity of shelving (linear meters or volumes of books and periodicals):**

Capacidad total de almacenaje (metros lineales o número de volúmenes y revistas):

Capacité totale de stockage (en mètres linéaires ou en volumes de livres et de périodiques):

Gesamt Kapazität Stellfläche (Laufmeter oder Anzahl Bände von Büchern und Zeitschriften):

Capacità di stivaggio (espressa in metri lineari o numero di libri e periodici):

Divided into / dividido entre / divisée en / unterteilt in / divisa in :

**14.in open access storage:**

en estanterías de acceso libre:

collections en libre accès:

in Freihand-Aufstellung:

a scaffale aperto:

**15.in closed access stacks:**

en estanterías de acceso restringido:

collections en magasins fermés:

in geschlossenen Magazinen:

a magazzino:

**16.Number of staff (full time equivalent):**

Personal (el número equivalente a personas con jornada completa) :

Nombre de personnel (équivalents plein temps):

Anzahl Beschäftigte (Vollzeit-Äquivalente):

Unità di personale (espresso in full time equivalent):

**17.Opening hours to the public (hours per week and days per year):**

Horarios de apertura (horas a la semana y días al año):

Ouverture au public (nombre d'heures par semaine et de jours par an):

Öffnungszeiten (Stunden pro Woche und Tage pro Jahr):

Orario di apertura (espresso in ore di apertura settimanali e in numero di giorni per anno):

## B The new building: aims and features

**El nuevo edificio: propósitos y características**

**Le nouveau bâtiment: buts et caractéristiques**

**Das neue Gebäude: Ziele und Eigenschaften**

**Il nuovo edificio: obiettivi e caratteristiche**

a) Architect(s)  
 Arquitecto(s)  
 Architecte(s)  
 Architekt(en)  
 Architetto(i)

**18.Firm:**

Despacho:  
 Agence:  
 Büro:  
 Studio:

**19.Project Architect:**

Arquitecto del proyecto:  
 Chef de projet:  
 Projektleiter/in:  
 Architetto progettista:

**20.Type of project**

Tipo de proyecto  
 Type de projet  
 Art des Projektes  
 Tipo di progetto  
 New building:  
 Nuevo edificio:  
 construction:  
 Neubau:  
 Nuovo edificio:  
 Extension:  
 Ampliación:  
 Extension:  
 Erweiterung:  
 Ampliamento :  
 Renovation:  
 Rehabilitación:  
 Aménagement:  
 Renovation:  
 Restauro:

	yes	no
New building:	yes	no
Nuevo edificio:	si	no
construction:	oui	non
Neubau:	ja	nein
Nuovo edificio:	si	no
Extension:	yes	no
Ampliación:	si	no
Extension:	oui	non
Erweiterung:	ja	nein
Ampliamento :	si	no
Renovation:	yes	no
Rehabilitación:	si	no
Aménagement:	oui	non
Renovation:	ja	nein
Restauro:	si	no

b) Aims of the new building  
Propósitos del nuevo edificio  
Buts du nouveau bâtiment  
Ziele des neuen Gebäudes  
Obiettivi del nuovo edificio

**21. Short description of the main objectives and purposes of the project:**

Breve descripción de los principales objetivos y propósitos del proyecto:

Courte description des principaux objectifs du projet:

Kurze Beschreibung der Hauptziele und Absichten des Projektes:

Breve descrizione dei principali obiettivi del progetto:

**for example:**

por ejemplo:

par exemple:

zum Beispiel:

per esempio:

**more holdings in open stacks,**

más volúmenes en las zonas de acceso libre,

davantage de documents en libre accès,

größere Bestände in Freihand-Aufstellung,

maggior numero di documenti ad accesso libero

**more readers seats,**

más asientos,

davantage de places de consultation,

mehr Benutzerarbeitsplätze,

più posti di lettura,

**development of the library in the field of research,**

desarrollo de la biblioteca en el campo de la investigación,

développement de la bibliothèque dans le domaine de la recherche,

Ausbau der Bibliothek im Bereich Forschung,

maggior sviluppo della biblioteca verso la ricerca,

**computer and audiovisual materials,**

Informática y materiales audiovisuales,

documents informatiques et audiovisuels,

EDV und AV-Material,

documentazione elettronica e audiovisivi,

**development of training for non-student readers,**

desarrollo y aprendizaje para usuarios no estudiantes,

formation des lecteurs non étudiants,

Schulung von nichtuniversitärem Publikum,

sviluppo di un utenza non istituzionale,

**extension of the opening hours to the public, etc.**

ampliación de las horas de apertura al público, etc.

extension des horaires d'ouverture de la bibliothèque, etc.

Erweiterung der Öffnungszeiten der Bibliothek, etc.

Estensione degli orari di apertura, ecc.

**c) Special Features****Características especiales****Caractéristiques****Spezielle Merkmale****Caratteristiche****22. Site:**

Emplazamiento:

Localisation, site:

Ort:

Localizzazione:

**for example:**

por ejemplo:

par exemple:

zum Beispiel:

per esempio:

**location of the library on a campus or in the city,**

en la ciudad o en el campus universitario,

localisation de la bibliothèque sur un campus ou dans la ville,

steht die Bibliothek auf einem Campus oder in der Stadt,

biblioteca in un campus universitario o in città,

**next to the university,**

cercana a la universidad,

proche de l'université,

in unmittelbarer Nähe der Universität,

vicina ad altri edifici universitari,

**adjacent to public transportation, etc.**

adyacente a medios de transporte público, etc.

proche des transports publics,etc.

in der Nähe von öffentlichen Verkehrsmitteln, etc.

raggiungibile con i mezzi pubblici, ecc.

**23. Architecture:**

Arquitectura:

Architecture:

Architektur:

Architettura:

**for example:**

por ejemplo:

par exemple:

zum Beispiel:

per esempio:

**rectangular or octogonal plan,**

plan rectangular u octogonal,

plan rectangulaire ou octogonal,

rechteckiger oder vieleckiger Grundriss,

a pianta rettangolare o ottagonale,

**precast concrete pannels,**

paneles de hormigón prefabricado,  
 panneaux préfabriqués en béton,  
 vorgefertigte Betonelemente,  
 a pannelli prefabbricati,

**narrow or high windows, sizes of the modular grid,**

ventanas estrechas o altas, tamaños de la red modular,  
 façades très vitrées ou peu vitrées, dimensions de la trame de construction,  
 schmale oder hohe Fenster/stark oder wenig verglaste Fassaden, Masse des Konstruktionsrasters:  
 finestre strette o alte, dimensioni dello schema strutturale,

**disabled access,**

condiciones de accesibilidad,  
 accès pour handicapés,  
 Zugang für Behinderte,  
 accesso ai disabili,

**materials selected to reduce maintenance costs, etc.**

maateriales seleccionados para reducir los costes de mantenimiento, etc.

matériaux utilisés pour réduire les coûts de maintenance, etc.

Wahl der Baumaterialien mit der Absicht, die Unterhaltskosten zu reduzieren, etc.

utilizzo di materiali che riducano i costi di manutenzione,

**C Technical information about the new building**

**Información técnica sobre el nuevo edificio**

**Informations techniques sur le nouveau bâtiment**

**Technische Information über das neue Gebäude**

**Informazioni tecniche sul nuovo edificio**

a) Please give floor area (in sq metres) for questions 22 to 33

Por favor faciliten la superficie por plantas en metros cuadrados en las preguntas 22 a 33

Indiquer la surface (en mètres carrés) pour les questions 22 à 33

Gesamtfläche (in m<sup>2</sup>) für die Fragen 22 bis 33

Rispondere indicando la superficie in m<sup>2</sup> alle domande da 22 a 33

**24. Total gross floor area (including corridors, stairs, lifts, technical rooms, etc.):**

Superficie total (incluyendo pasillos, escaleras, elevadores, salas de máquinas, etc.):

Surface totale dans oeuvre (incluant les circulations, sanitaires et locaux techniques):

Netto-Grundfläche (inkl. Korridore, Treppen, Aufzüge, technische Räume etc.):

Superficie totale (inclusi corridoi, scale, ascensori, locali tecnici, ecc.):

Divided into / dividido entre / divisé en / unterteilt in / divisa in :

**25. Open access services (reference room, reading rooms, holdings, books and periodicals, circulation and information desks, etc.):**

Servicios de acceso libre (salas de lectura / de índices, salas de publicaciones, información, etc.):

Services en libre accès (références, consultation, collections de livres et de périodiques, bureaux d'information et de prêt, etc.):

Frei zugängliche Benutzungsbereiche (Auskunftsräume, Lesesäle, Buch- und Zeitschriftenbestände, Ausleihe, Information, etc.):

Aree ad accesso libero (reference, sale di lettura, sale di consultazione libri e periodici, punti informativi e di prestito, ecc.):

**Special rooms for (please describe number 26, 27, 28, 29):**

Salas especiales para (por favor, describa el número 26, 27, 28, 29) :

Salles spéciales pour (SVP, décrire les salles 26, 27, 28, 29) :

Spezielle Räume für (Bitte beschreiben Sie die Räume in Nr. 26, 27, 28, 29):

Sale ad uso speciale per (per la descrizione utilizzare i numeri 26, 27, 28, 29):

**26.Audiovisual:**

Audiovisuales:

Audiovisuel:

audiovisuelle Medien:

Audiovisivi:

**27.Computers:**

Ordenadores:

Informatique:

Computer:

Postazioni informatiche:

**28.Special collections:**

Colecciones especiales:

Collections spécialisées:

Sondersammlungen:

Collezioni particolari:

**29.Seminar room(s):**

Sala(s) de seminarios:

Salle(s) de formation/réunion:

Ausbildungs- und Seminarraum (-räume):

Sale seminariali:

**Special activities (please describe number 30, 31, 32)**

Actividades especiales (por favor, describa el número 30, 31, 32)

Salles pour autres activités (SVP, décrire les salles 30, 31, 32)

Räume für andere Aktivitäten (Bitte beschreiben Sie die Räume in Nr. 30, 31, 32):

Attività speciali (per la descrizione utilizzare i numeri 30, 31, 32):

**30.Exhibition space:**

Espacio para exhibiciones:

Espace d'exposition:

Ausstellungsraum:

Spazi espositivi:

**31.Lecture hall:**

Sala de conferencias:

Salle de conférence:

Vortragssaal:

Sala conferenze:

**32. Public refreshments:**

Sala de ocio:

Cafétéria, etc:

Cafeteria, etc:

Caffetteria:

**33. Administration and staff areas:**

Zonas de personal y de administración:

Services internes pour le personnel:

Räume für Verwaltung und Personal:

Spazi dedicati al personale:

**34. Closed access stacks:**

Estanterías de acceso restringido:

Magasins fermés:

Geschlossene Magazinräume:

Magazzini chiusi al pubblico :

**35. Circulations areas (corridors, stairs, lifts), toilets, technical rooms, etc:**

Zonas de circulación (pasillos, escaleras, elevadores), aseos, salas de máquinas, etc.:

Zones de circulation (couloirs, escaliers, ascenseurs), sanitaires, locaux techniques, etc.:

Verkehrsfläche (Korridore, Treppen, Aufzüge), Toiletten, technische Räume, etc.:

Collegamenti verticali e orizzontali (corridoi, scale, ascensori), servizi igienici, locali tecnici:

**36. Further information (eg. Number of levels, public levels, etc.):**

Más información (número de plantas públicas, etc.):

Autres informations (par ex. : nombre total de niveaux, nombre de niveaux publics, etc.):

Weitere Informationen (z.B. Anzahl Stockwerke, Anzahl öffentliche Stockwerke, etc.):

Altri dati (es. numero di piani, numero di piani accessibili al pubblico, ecc.):

**37. Number of reader seats (Total):**

Número de asientos (Total):

Nombre de places de lecture (Total):

Anzahl Benutzerarbeitsplätze (Total):

Numero di posti di lettura (totale):

Divided into / dividido entre / divisé en / unterteilt in / diviso in:

**38. Audiovisual:**

Audiovisuales:

Audiovisuel:

audiovisuelle:

Postazioni per gli audiovisivi:

**39. Computers:**

Ordenadores:

Informatique:

Computer:

Postazioni informatiche:

**40. Seminar room(s):**

Sala(s) de seminarios:

Salle(s) de formation/réunion:

Ausbildungs- und Seminarraum (-räume):

Sala/e seminari:

**41. Regular:**

Resto:

Places de travail:

übrige Benutzerarbeitsplätze:

Postazioni di lavoro:

b) Total potential capacity of shelving (linear metres or volumes)

Capacidad potencial de almacenaje (metros lineales o volúmenes)

Capacité potentielle totale de stockage (mètres linéaires ou volumes)

Gesamtkapazität Stellfläche (Laufmeter oder Bände)

Capacità massima di stoccaggio (espressa in metri lineari o volumi)

**42. Books and periodicals:**

Libros y publicaciones:

Livres et périodiques:

Bücher und Zeitschriften:

Libri e periodici:

Divided into / dividido entre / divisé en / unterteilt in / divisi in:

**43. Open access stacks:**

Estanterías de acceso libre:

En libre accès:

Freihand-Aufstellung:

a scaffale aperto:

**44. Closed access stacks:**

Estanterías de acceso restringido:

En magasins fermés:

geschlossene Magazine:

a magazzino:

**45. within compact shelving:**

en compactos:

dont en rayonnages mobiles:

davon Kompakt-Magazine:

in scaffali compatti:

**46. Audiovisual materials:**

Materiales audiovisuales:

Documents audiovisuels:

audiovisuelle Materialien:

Materiale audiovisivo:

**47. Other:**

Otros:

Autres:

Andere:

Altro:

**48. Number of staff required for the functioning of the new library (full time equivalent):**

Número de empleados requeridos para el funcionamiento de la nueva biblioteca (equivalente a personas con jornada completa):

Nombre de personnel nécessaire pour faire fonctionner la nouvelle bibliothèque (équivalent plein temps):

Personal, das für den Betrieb des neuen Gebäudes benötigt wird (Vollzeit-Aequivalente):

Personale necessario per il funzionamento della nuova biblioteca (espresso in full time equivalent):

## c) Mechanical features

Características técnicas

Caractéristiques techniques

Mechanische Eigenschaften

Caratteristiche tecniche

**49. Ventilation/Air Conditioning:**

Ventilación/Aire acondicionado:

Ventilation/Climatisation:

Lüftung/Klimatisierung:

Sistema di climatizzazione:

**50. Heating:**

Calefacción:

Chauffage:

Heizung:

Sistema di riscaldamento:

**51. Lighting:**

Iluminación:

Eclairage:

Beleuchtung:

Illuminazione:

**52. Acoustics:**

Megafonía:

Acoustique:

Akustik:

Acustica:

**53. Lifts, elevators, escalators:**

Elevadores, montacargas, escaleras:

Ascenseurs, monte-charges, escalators:

Aufzüge, Rolltreppen:

Ascensori, montacarichi, scale:

**54. Book transportation system:**

Sistema de transporte de libros:

Système de transport automatique de documents:

Buchtransportsystem:

Sistemi di trasporto dei libri:

**55.Theft detection:**

Sistema antirrobo:

Détection antivol:

Diebstahl-Sicherungssystem:

Sistema Antitaccheggio:

**56.Computerised house control:**

Control informatizado del edificio:

Gestion informatisée du bâtiment:

informatisierte Gebäudetechnik:

Gestione computerizzata dell'edificio:

**57.Type of IT-cabling and capacity:**

Tipo y capacidad del cableado informático:

Type de câblage informatique et débit du réseau:

Typ der IT-Verkablung und Leistung:

Tipo e capacità di cablaggio:

**58.Other:**

Otros:

Autres:

Andere:

Altro:

**D Schedule of the building process**

**Calendario**

**Échéancier de réalisation**

**Zeitplan**

**Tempi di realizzazione del nuovo edificio**

**59.Planning, preliminary brief:**

Planteamiento, borradores iniciales:

Élaboration du programme:

Planung, Bauprogramm:

Elaborazione del programma:

**60.Architectural competition:**

Concurso Arquitectónico:

Concours d'architecture:

Architekturwettbewerb:

Concorso per la progettazione:

**61.Project drawings and competition between contractors:**

Planos y concurso de las empresas constructoras:

Élaboration des plans et appel d'offres aux entreprises:

Architekturpläne und Ausschreibung für ausführende Firmen:

Progettazione e gara di appalto per la nomina della ditta esecutrice:

**62. Opening of the construction work:**

Fecha de inicio de las obras:

Démarrage des travaux:

Beginn der Bauarbeiten:

Apertura del cantiere:

**63. Duration of the building work:**

Duración de las obras:

Durée des travaux:

Dauer der Bauarbeiten:

Durata del cantiere:

**64. Furnishing and moving the collections:**

Traslado de los volúmenes:

Équipement mobilier et déménagement:

Einrichtung Mobiliar und Umzug der Bestände:

Allestimento arredi e trasloco delle collezioni:

**65. Date of opening of the new building:**

Fecha de apertura del nuevo edificio:

Date d'ouverture du bâtiment:

Datum der Eröffnung des neuen Gebäudes:

Data di apertura del nuovo edificio:

**E Costs****Costes****Coûts****Kosten****Costi****66. Site:**

Solar:

Terrain:

Grundstück:

Terreno:

**67. Building:**

Edificación:

Bâtiment:

Gebäude:

Edificio:

**68. Furniture and equipment:**

Equipamientos y mobiliario:

Équipement en mobilier et en matériel:

Mobiliar und Ausrüstung:

Arredi e attrezzature:

**69.Fees:**

Tasas:

Honoraires:

Honorare:

Onorario:

**70.Total:**

Total:

Total:

Total:

Totale:

**F Publications****Publicaciones****Publications****Veröffentlichungen****Pubblicazioni*****Practical hints:***

*In order to save costs for the Architectural Group we need to be able to publish directly from your manuscript without having to format again. Therefore please work directly into this template. Please do not change any of the formatting (e.g. font size, fonts etc.) or the size of the page. Don't use blanks or hyphens to style your text but instead work with single tab-stops and conditional hyphens.*

***The questionnaire has to be accompanied by:***

- *Plans (of the different levels, sections and facades) and drawings: we will try to take one page per level. What is needed are the final designs, presented in a simplified way, with a graphical linear scale and with a reference number for each area or service. Captions (name of the library, name of the architect(s), level numbering), must be clearly mentioned on each page. Please send a separate list with all numbers and titles for each reference number concerning the different areas. For printing it is necessary to have plans and drawings (black-and-white) in a very good quality: jpg-format or pdf, 600 dpi. Drawings are printed in CMYK-mode.*
- *Four or five photographs of the building, or of the model if the building is under construction; the photos must be delivered in tif-format, 300 dpi minimum. Photos are printed in CMYK-mode.*
- *Any plans, drawings and photographs supplied may be published in the documentation without fee. The libraries are responsible for notice the copyright!*
- *If you need help, please contact Inken Feldsien: [feldsien-sudhaus@tu-harburg.de](mailto:feldsien-sudhaus@tu-harburg.de)  
Tel. Germany 0049- 40- 42878 3004 / -3204 Secretary*

## Amsterdam, Openbare Bibliotheek. The Netherlands

### A General information

#### a) Name and address

1. Public Library
2. Openbare Bibliotheek Amsterdam , OBA®
3. Oosterdokskade 143, 1011 DL, Amsterdam, The Netherlands
4. Phone : 020-5230 701  
Fax : 020-5230 948  
E-mail : dir@oba.nl
5. Mr. Knight Hans van Velzen
6. Mrs. Karin Lemps (secretary)

#### b) Population served : 800 000

7. 190 000
8. 65 000 in the city
9. – 10. N/A

#### c) Conditions of the library (before the new project)

11. appr. 14 000 m<sup>2</sup>
12. 300
13. – 15. N/A
16. 350 FTE
17. N/A

### B The new building: aims and features

#### a) Architect(s)

18. Jo Coenen Architecten
19. idem
20. New building

#### b) Aims of the new building

21. The new Central Library will annually have contact at least 2.5 million times with visitors looking for information, culture, communication and education. 2.5 million visitors per year, on average 7 000 per day, indicates the importance Amsterdam Public Library has for the city

and the region. The former Public Library at the Prinsengracht had become much to small in all means. Facts and figures of the new building:

- 84 opening hours per week: 7 days per week, 12 hours per day from 10am until 10pm
- 1 375 seats in both large and small scale spaces
- quick-reference counter with expert advisors
- 50 multimedia workplaces
- 110 catalogue terminals
- 26 lending machines
- print and photocopying facilities
- Pin and Chip payment possible
- education room for 50 participants
- accessible by train, bus, tram, metro, car and bike
- 1 000 seats (600 with PCs/internet/MS Office)
- 270 seats in the Library Theatre
- 6 meeting rooms (space for 25-75 participants)
- meeting places (Foyer, Restaurant, 2 reading cafes)
- 1 200 parking places
- 2 000 secure bike racks
- 25 km in closed stacks

### c) Special Features

22. In the centre of the city, on Oosterdokseiland. The new image of the Oosterdokseiland as an 'Island of knowledge', next to the Amsterdam Central Station
23. disabled access  
OBA: use of sun-energy

## C Technical information about the new building

### a) Floor area (in m<sup>2</sup>)

24. 28 000 m<sup>2</sup>

25. – 36. N/A

37. 1 375

38. 50

- 39. 600
- 40. 6 meeting rooms (space for 25-75 participants)
- 41. N/A

**b) Total potential capacity of shelving**

- 42. 25 000 linear metres
- 43. - 47. N/A
- 48. 200

**c) Mechanical features**

- 49. – 58. N/A

**D Schedule of the building process**

- 59. – 61. N/A
- 62. 2004
- 63. – 64. N/A
- 65. 7-7-2007

**E Costs**

- 66. – 69. N/A
- 70. 88 000 000 €

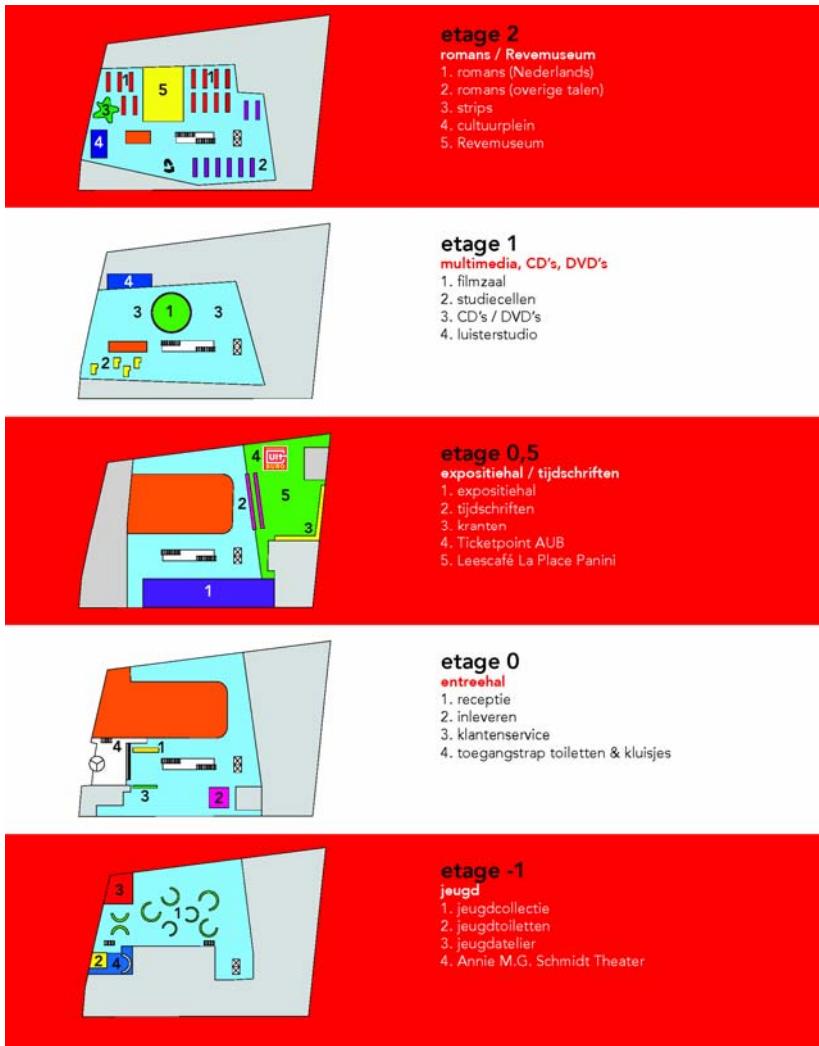
**F Publications**

More information on the following websites:

- [www.oba.nl](http://www.oba.nl) = online 24/7
- [www.jocoenen.com](http://www.jocoenen.com)



Entrance



## **Amsterdam, UvA Special Collections Library - University of Amsterdam. The Netherlands**

### **A General information**

#### **a) Name and address**

1. University Research Library
2. Special Collections Library - University of Amsterdam
3. Oude Turfmarkt 129, 1012 GC Amsterdam, The Netherlands
4. Phone : +31 20 525 7300  
Fax : +31 20 525 7301  
E-mail : [infobc@uva.nl](mailto:infobc@uva.nl)
5. Mr. A.J.H.A. Verhagen
6. Mr. Peter Verveen

#### **b) Population served**

7. 56 525
8. 25 667
9. N/A
10. 3 726

#### **c) Conditions of the library (before the new project)**

11. 4 000 m<sup>2</sup>
12. 79
13. 12 000 linear metres
14. 1 500 linear metres
15. 10 500 linear metres
16. 30
17. Library: Monday – Friday 9:30 – 17:00. Exposition Rooms: Monday – Friday 10:00 – 17:00 and Saturday and Sunday 13:00 – 17:00

### **B The new building: aims and features**

#### **a) Architect(s)**

18. Library building: atelier PRO architecten, The Hague, NL  
Interior design: Merkx+Girod Architecten, Amsterdam, NL
19. Library building: Hans van Beek & Dorte Kristensen.  
Interior design: Eveline Merkx & Det van Oers

20. New building / Renovation

**b) Aims of the new building**

21. More visibility for the Special Collections, modern facilities for the library patrons, optimal climate and storage conditions for the special collections in the closed stacks, high quality exposition rooms, development of the library in the field of research, extension of the opening hours to the public

**c) Special Features**

22. Close to the Humanities Faculty in the heart of the Amsterdam city centre

23. Part of the library building is new, part is a renovated monument; disabled access

**C Technical information about the new building**

**a) Floor area (in m<sup>2</sup>)**

24. 4 000 m<sup>2</sup>

25. 1 800 m<sup>2</sup>

26. – 27. N/A

28. 1 100 m<sup>2</sup>

29. 50 m<sup>2</sup>

30. 300 m<sup>2</sup>

31. none

32. 160 m<sup>2</sup>

33. 300 m<sup>2</sup>

34. 1 900 m<sup>2</sup>

35. N/A

36. Five floor levels, three are open to the public

37. 79

38. Equipment for presentations and meetings: in the Seminar Room and in the Museum Café

39. 17 for the public

40. one

41. N/A

**b) Total potential capacity of shelving**

42. 12 000 linear metres

- 43. 1 500 linear metres
- 44. 9 500 linear metres
- 45. – 46. N/A
- 47. books, manuscripts, maps, atlases, photographs, archival collections, paintings, objects
- 48. 30

### **c) Mechanical features**

- 49. yes
- 50. yes
- 51. – 52. N/A
- 53. two
- 54. N/A
- 55. yes
- 56. yes
- 57. – 58. N/A

### **D Schedule of the building process**

- 59. April 1999 – May 2007
- 60. no
- 61. no
- 62. August 2004
- 63. 20 months
- 64. Collection move January – March 2007 (9 weeks)
- 65. 11 May 2007

### **E Costs**

- 66. – 70. N/A



The inner court (Photo: Jeroen Musch)



Special Collections reading room (Photo: Jeroen Musch)



Levels 0 - 3 (Architects: atelier PRO architecten)

## **Antwerp, FelixArchief. Belgium**

### **A General information**

#### **a) Name and address**

1. City Archive
2. FelixArchief
3. Oudeleeuwenrui 29, 2000 Antwerp, Belgium
4. Phone : +32 3 292 94 11  
Fax : +32 3 292 94 10  
E-mail : [stadsarchief@stad.antwerpen.be](mailto:stadsarchief@stad.antwerpen.be), <http://www.felixarchief.be>
5. Mrs. Inge Schoups
6. Mr. Tom Verbelen

#### **b) Population served**

7. 10 576
8. – 10. N/A

#### **c) Conditions of the library (before the new project)**

11. 24 500 m<sup>2</sup>
12. 120
13. 14 000 linear metres
14. 50 linear metres
15. 14 000 linear metres
16. 30
17. every working day from 8:30 to 16:30, not on Mondays or holidays

### **B The new building: aims and features**

#### **a) Architect(s)**

18. Grontmij Vlaanderen in collaboration with Robbrecht en Daem architecten
19. Robbrecht en Daem architecten: Frank Debaere, Johannes Robbrecht, Caroline Van Biervliet  
Grontmij Vlaanderen: Stefan Franck, Frédéric Beghin
20. Renovation

**b) Aims of the new building**

21. to be completed by architect
  - more holdings in open stacks and more readers seats
  - better acces to the archives, computer and audiovisual materials
  - development of training for non-student readers
  - extension of the opening hours to the public

**c) Special Features**

22. Oudeleeuwenrui 29, 2000 Antwerp,  
near city centre and university, adjacent to public transportation
23. precast concrete pannels around the archive containers, disabled access, materials selected to reduce maintenance cost: concrete, wood

**C Technical information about the new building****a) Floor area (in m<sup>2</sup>)**

24. 24 500 m<sup>2</sup>
25. -
26. there is an area for research on computer and microfilm with 12 seats and viewers
27. there is an area for research on computer and microfilm with 10 computers plus 8 public computers available elsewhere in the building
28. temporary exhibition area for the archive
29. 3 seminar rooms open for public
30. 1 200 m<sup>2</sup> free exhibition space
31. lecture hall for 120 people
32. none, only for seminars and conferences
33. offices and workspace on all floors
34. the larger part of the archives is closed for public
35. a public elevator and elevators closed for public
36. 6 levels, of which 2 public
37. 120
38. 77 m (drawers) of microfilm and 12 viewers
39. 18 public computers, access points for internet and wireless LAN
40. 3
41. N/A

**b) Total potential capacity of shelving**

- 42. 620 linear metres stocked; additional capacity limited within free space available
- 43. 100 linear metres + 77 linear metres (drawers) of microfilm
- 44. 36 000 linear metres
- 45. 1 152 linear metres
- 46. 220 linear metres
- 47. N/A
- 48. 55

**c) Mechanical features**

- 49. – 51. yes
- 52. N/A
- 53. 6
- 54. 1
- 55. – 56. yes
- 57. cat 6
- 58. N/A

**D Schedule of the building process**

- 59. Phase 1: 04/2002 – 12/2003
- Phase 2: 08/2003 – 04/2005
- Phase 3: 02/2005 – 08/2006
- 60. 1995
- 61. 1997- 2005
- 62. 04/2002 – phase 1
- 63. 04/2002 – 08/2006
- 64. 06-08/2006
- 65. 08/2006

**E Costs**

- 66. N/A
- 67. Phase 1: 4 800 000 € - excl VAT
- Phase 2: 5 100 000 € - excl VAT
- Phase 3: 15 800 000 € - excl VAT
- 68. – 70. N/A



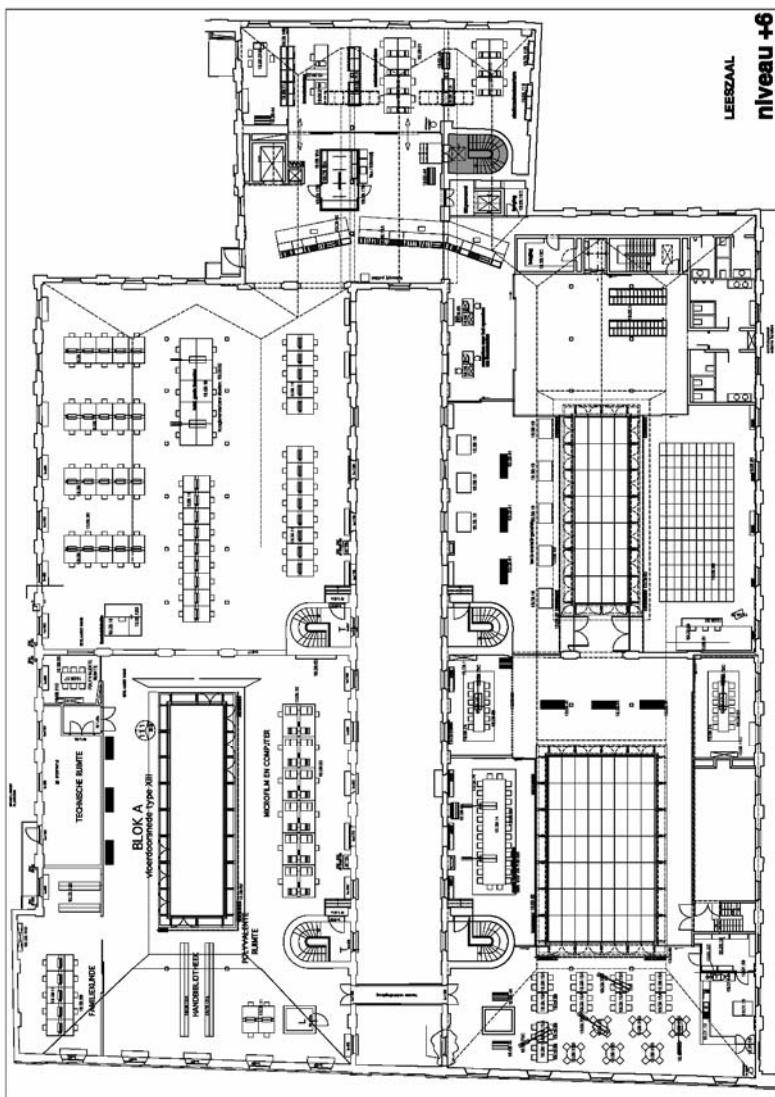
View of the facade from the dockside (Photo: Kristien Daem)



Reading room and light terrace (Photo: Kristien Daem)



Entrance, through the window you can see the alley (Photo: Kristien Daem)



Niveau +6 ■ Reading area

## Antwerp, Openbare Bibliotheek Permeke. Belgium

### A General information

#### a) Name and address

1. Public Library
2. Openbare Bibliotheek Permeke, Antwerpen
3. De Coninckplein 26 – 2060 Antwerp - Belgium
4. Phone : 0032 3 260 38 00  
Fax : 0032 3 260 38 39  
E-mail : marleen.dedonder@stadantwerpen.be
5. Marleen De Donder  
Phone : 0032 3 260 38 12
6. Luc Weyns, luc.weyns@stadantwerpen.be  
Phone : 0032 3 260 38 36

#### b) Population served

7. – 10. N/A

#### c) Conditions of the library (before the new project)

11. 7 165 m<sup>2</sup> (front office: 3 390 m<sup>2</sup> =public area, library storage: 1 600 m<sup>2</sup>, library back office: 1 500 m<sup>2</sup>, patio + "reading-café": 675 m<sup>2</sup> =public area)
12. 150 (included 25 PC equipped reader seats)
13. 660 000 (the whole Library System)
14. 400 000 volumes
15. 220 000 volumes
16. 55 FTE
17. 41,5 h/week – 350 d/y

### B The new building: aims and features

#### a) Architect(s)

18. STRAMIEN cvba Antwerp – Belgium  
designteam : P. Van de Poel, Architect in Chief ; B.Verheyen, Architect; A. Vernaillen Industrial Designer; E. DeBaere, Landscape Architect
19. Paul van de Poel, Bart Verheyen, Antoon Vernaillen

20. Renovation

### b) Aims of the new building

21. Development of a new type of Public Library, open to all kinds of public and exploitation as a ‘center of knowledge and information’.  
Development of a public library as a social ‘catalyser’ in an urban neighbourhood  
Development of a Public Library with social accommodation (e.g. auditorium, meeting rooms, café-restaurant, exhibition-zone,...)

### c) Special Features

22. Transformation of an old and abandoned garage-building in the city-center of Antwerp. This Library is part of a “Site” created to improve (also in social context) the axe city – centre / North Zone of the city of Antwerp.
23. Transformation of an old industrial Garage-building :
  - Ground level : rectangular plan (ca. 60 x 30 m) + annexes
  - First Floor : rectangular plan (ca. 60 x 30 m) with industrial glass roof (daylight) + reading and study zone
  - Basement level with new auditorium 100 persons
  - disabled accesses in all public zones
  - industrial materials:
    - \* Ground level + Basement : renovation of old concrete structure
    - \* First Floor : renovation of old steel structure + glass-roof
    - \* Facades : new steel cladding

## C Technical information about the new building

### a) Floor area (in m<sup>2</sup>)

24. “Permeke Site” all kinds of areas included = 6 186 m<sup>2</sup>
25. 5 828 m<sup>2</sup>
26. none
27. “Cyber-space” 500 m<sup>2</sup>
28. none
29. “Auditorium” = 144 m<sup>2</sup> (is part of the public library zone !!) + on the Permeke Site different “meeting” rooms eventually used as Seminar Rooms = +/- 250 m<sup>2</sup>. During closing hours of the Library: first floor

partial movable shelves = +/- 1 500 m<sup>2</sup> to create an open space for 300 seats for seminars/performances/readings...etc.

- 30. Several areas on the first and second floor are permanent Exhibition Zone = +/- 500 m<sup>2</sup>
- 31. see 29. "Auditorium" that is multifunctional location for Lectures, as well as for performances and Seminars = 144 m<sup>2</sup>.
- 32. on the Permeke Site is a separate building "KUBUS" installed as a café-restaurant = 300 m<sup>2</sup> with included 60m<sup>2</sup> "internet zone" on the first floor for public access.
- 33. 765 m<sup>2</sup>
- 34. none (those are organised in a different building in the city together with our "Distribution Centre" and our "Cataloguing Centre")
- 35. 1 412 m<sup>2</sup>
- 36. Different Blocs with different kind of levels
- 37. 200
- 38. none
- 39. cyber: 10; General- and Library Information: 8; study : 25
- 40. none
- 41. 10

**b) Total potential capacity of shelving**

- 42. 235 000 media
- 43. 235 000 different materials (books+DVD+MusicCD+Periodicals, for adults and children)
- 44. – 45. 0
- 46. DVD /Music-CD
- 47. 0
- 48. 40,26

**c) Mechanical features**

- 49. full ventilation system installed in all public areas
- 50. full heating system installed in all areas (including floor heating)
- 51. new lighting system in all areas
- 52. new acoustic claddings on glass-roof (first level)
- 53. 1 public elevator for persons / 1 technical elevator for staff and books

54. transport system with “bins” to distribution of Library Materials into different “areas”. This system is connected to an “automatic return system” for Library Materials usable by Library users.
55. yes
56. RFID scanning system for all collections, including self check for Library Users (lending and return of materials)
57. cabling type CAT 6
58. Badges opening Doors (entrance system)

## **D Schedule of the building process**

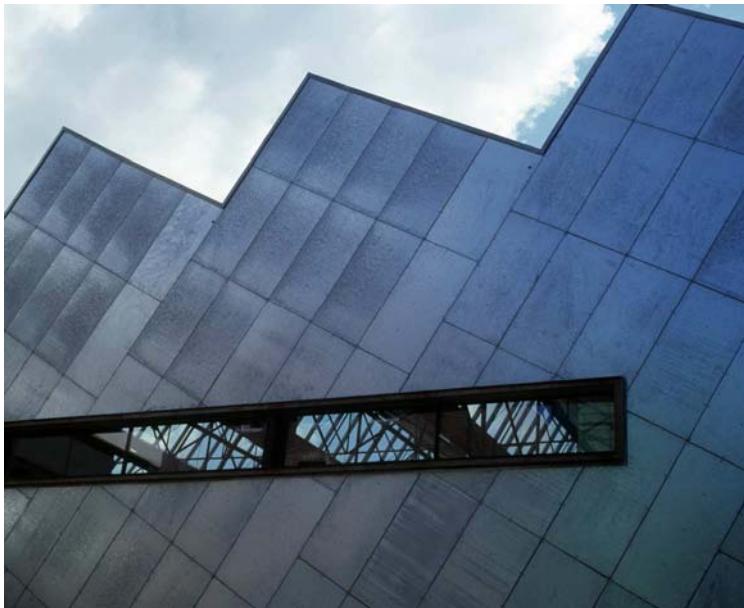
59. -
60. 1999
61. 2000-2001
62. April 2005
63. 3 years
64. -
65. 22/04/2005

## **E Costs**

66. N/A
67. 18 150 000 € inclusive taxes
68. 5 350 000 €
69. 1 500 000 €
70. 25 000 000 € inclusive taxes



KUBUS Library Café by night (Photo: Jimmy Kets)



Facade of the former garage (Photo: Koen Broos)



Reading area (Photo: Koen Broos)



Media center (Photo: Koen Broos)



Ground Level

## **Cork, Boole Library - University College. Ireland**

### **A General information**

#### **a) Name and address**

1. Academic Library
2. Boole Library
3. UCC Library, University College, Western Road, Cork, Ireland.
4. Phone : + 353 21 4902281  
Fax : + 353 21 4273428  
E-mail : [library@ucc.ie](mailto:library@ucc.ie), <http://www.booleweb.ucc.ie>
5. Mr. John FitzGerald, Librarian
6. Mr. Seamus McMahon, Deputy Librarian, [s.mcmahon@ucc.ie](mailto:s.mcmahon@ucc.ie)

#### **b) Population served**

7. 24 000
8. 17 257
9. 1 787
10. 2 387

#### **c) Conditions of the library (before the new project)**

11. 9 701 m<sup>2</sup>
12. 1 722
13. 15 446 linear metres
14. 11 562 linear metres
15. 3 884 linear metres
16. N/A
17. 87 hours and 45 minutes per week. 340 days a year

### **B The new building: aims and features**

#### **a) Architect(s)**

18. Shepley Bullfinch Richardson & Abbott ([www.sbra.com](http://www.sbra.com))/  
Wilson Architecture ([www.wilsonarchitecture.ie](http://www.wilsonarchitecture.ie))  
5 Lapps Quay , Cork, Ireland. [Info@wilsonarchitecture.ie](mailto:Info@wilsonarchitecture.ie)
19. Susan Brennan, Wilson Architecture
20. Extension (5 950m<sup>2</sup>) and refurbishment (9 701m<sup>2</sup>)

**b) Aims of the new building**

21. The following project goals were identified by the UCC Library Planning Group:

- to create more library space to accommodate an expanded student population as well as a significant growth in printed collections
- to provide a high level IT infrastructure which would maximise the provision and availability of electronic information sources and services including multi-media
- to provide secure environmentally controlled accommodation for the storage and consultation of the Library's valuable special collections and archives, and to improve access to these collections
- to enhance the effectiveness of Library services in particular the provision of subject-specific reader support
- to facilitate new forms of learning such as group study and independent project based learning, and to establish the Library as central to learning support
- to improve the quality and fabric of the Library's physical environment through the creation of quality spaces as reflected in materials used, design, attention to detail and finish
- to significantly improve library services to research users in all subject areas

**c) Special Features**

22. Formal Limestone quarry in centre of historic original campus.

23. Design Concept

The existing Boole Library building accommodates approximately 10 000 m<sup>2</sup> floor space over five floors at the heart of the university campus. Its bulk has been very successfully integrated into the grain of the original quadrangle by a carefully arranged composition of elements that reduce its apparent volume and scale. The buildings form and materials are a well executed example of a design typology dating from the 1970's.

It was considered important that design of the new extension would not increase the visual mass of the existing, and it was decided therefore to select a contrasting palette of materials and shapes that would compliment rather than compete with the existing structure.

The scheme is a wedge-shaped addition along the Eastern facade of the Boole. The footprint is dictated by the constraints of topography, existing mature trees and the requirement to provide both pedestrian and vehicular access to areas of the new building. The building height matches the existing. The materials proposed for the external facades are pre-oxidised copper cladding, natural sandstone and glass. The dark red/brown tones of the sandstone and copper oxide will form an interesting contrast with the white limestone used on adjacent buildings and on the pavement material to the new Honan Square.

There is a precedent for this mix of colours in the typically Cork use of red sandstone and white limestone on many church buildings throughout the city.

The elevations are a composition of these materials arranged as quite distinct elements, which break down the scale of the building.

The Southern element is a canted copper oxide clad box, the surface of which is punctuated by horizontal raised seams and staggered windows.

The Eastern element is a red/brown sandstone clad wall with vertical strip windows arranged in a random pattern. This solid/void ratio is based on a 600 mm wide module which introduces a human scale to this large elevation. The Northern element is a fully glazed facade, given interest by the introduction of a series of serrations and overhangs that break down the scale in a manner similar to the North face of the existing. The proximity of marvellous mature tree species adds a further layer of pattern and texture to the overall composition.

## C Technical information about the new building

### a) Floor area (in m<sup>2</sup>)

- 24. 15 649 m<sup>2</sup>
- 25. 8 788 m<sup>2</sup>
- 26. 150 m<sup>2</sup>
- 27. 400 m<sup>2</sup>
- 28. 450 m<sup>2</sup>
- 29. IT Training Room, Seminar Room & Conference Room 200 m<sup>2</sup>
- 30. 50 m<sup>2</sup>

- 31. 0
- 32. 0
- 33. 1 546 m<sup>2</sup>
- 34. 690 m<sup>2</sup>
- 35. 3 367 m<sup>2</sup>
- 36. 5
- 37. 2 482
- 38. 24
- 39. 200
- 40. 3
- 41. N/A

**b) Total potential capacity of shelving**

- 42. 22 017 linear metres
- 43. 14 248 linear metres
- 44. 7 769 linear metres
- 45. 7 769 linear metres
- 46. N/A
- 47. N/A
- 48. 110

**c) Mechanical features**

- 49. Displacement ventilation system in the reading rooms. Steam absorption chiller. Natural ventilation. Natural intake through actuated windows and mechanical extract. Full mechanical supply & extract.
- 50. Steam used for heating, also use of conventional gas boilers.
- 51. Computerised lighting control with daylight sensors.
- 52. Acoustics provided to perimeter walls in reading room and atrium.
- 53. 2 lifts for 16 persons and 1 lift for 21 persons. 2 lifts refurbished each for 12 persons.
- 54. Book transportation system: Book sorting machine
- 55. 3M Book detection system
- 56. N/A
- 57. Cat 6 cable. All reader places.
- 58. N/A

## D Schedule of the building process

59. October 2003

60. N/A

61. March 2005

62. June 2005

63. 24 months

64. 2 months

65. July 2007

## E Costs

66. no cost

67. 29 000 000 € (including furniture)

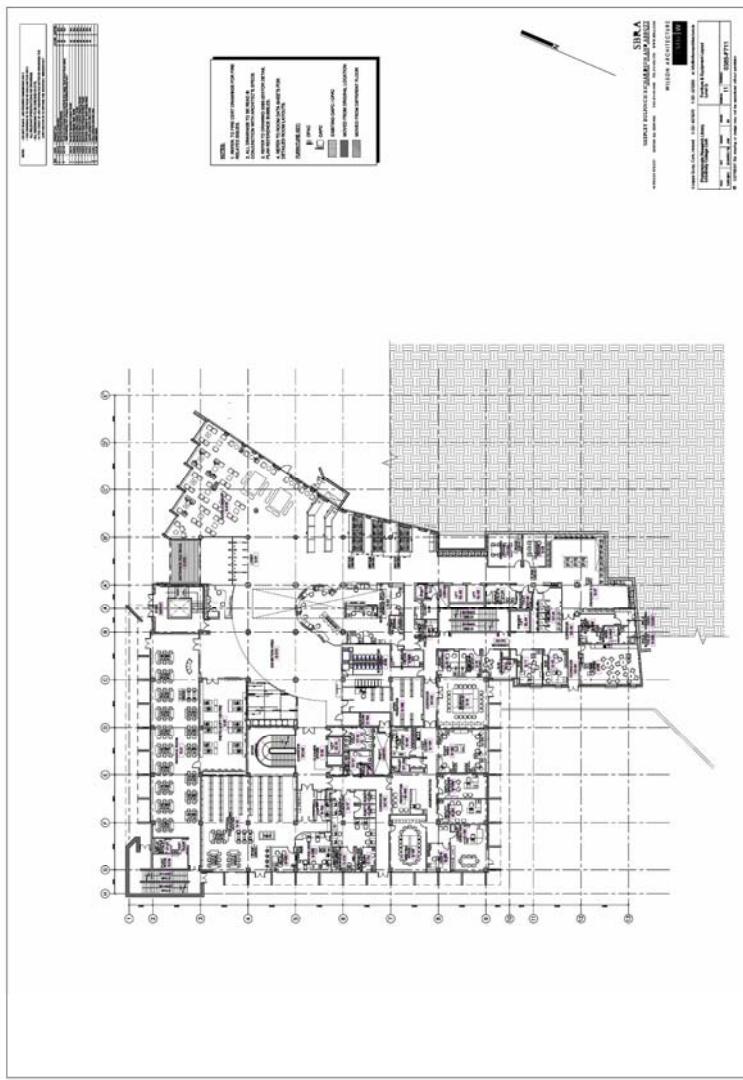
68. N/A

69. 3 400 000 €

70. N/A



Facade: red sandstone, copper and glass (Photo: Architects)



## Level Q ■ Entrance (Architects)

## **Gdańsk, Biblioteka Gdańska Polskiej Akademii Nauk/ Danziger Bibliothek der Polnischen Akademie der Wissenschaften. Polen**

### **A Allgemeine Information**

#### **a) Name und Adresse**

1. Wissenschaftliche Bibliothek
2. Biblioteka Gdanska Polskiej Akademii Nauk/ Danziger Bibliothek der Polnischen Akademie der Wissenschaften
3. Ul. Walowa 15, 80-858 Gdańsk, Polen
4. Tel : ++48 58 301-55-23  
E-mail : [bgpan@gda.pl](mailto:bgpan@gda.pl)
5. Dr Maria Pelczar
6. Dr Maria Pelczar, [m.pelczar@wenus.bgpan.gda.pl](mailto:m.pelczar@wenus.bgpan.gda.pl)  
Anna Walczak, [a.walczak@wenus.bgpan.gda.pl](mailto:a.walczak@wenus.bgpan.gda.pl)

#### **b) Publikum**

7. 1 000
8. überwiegend Studierende
9. k.A.
10. 1 Wissenschaftler + 3 Doktoranden

#### **c) Situation der Bibliothek (vor dem neuen Projekt)**

11. 6 342 m<sup>2</sup>
12. 100
13. Bücher aus dem 19.-21.Jh.: 551 113 Bände; Zeitschriften aus dem 19.-21.Jh.: 87 844 Bände; Alte Drucke (ohne Inkunabeln): 55 117 Bände + andere Sondersammlungen
14. k.A.
15. alles
16. 76
17. 64 h/Woche; 264 Tage/Jahr

### **B Das neue Gebäude: Ziele und Eigenschaften**

#### **a) Architekten**

18. Narcyz Sienkiewicz, Ewa Filar: Sienkiewicz & Filar, Gdynia

19. Narcyz Sienkiewicz
20. Neubau / Renovation

**b) Ziele des neuen Gebäudes**

21. Die Maßnahme umfasst zwei Gebäude in einer Straße: Der Neubau bildet eine Erweiterung vor allem der Magazinfläche. Das nahe liegende historische Gebäude ist saniert worden. Beide Teile bilden das Bibliotheksganze. Die Vorteile sind:
  - mehr Bestände in Freihand-Aufstellung
  - Ausbau der Bibliothek im Bereich Forschung

**c) Spezielle Merkmale**

22. Die Bibliothek liegt in der Stadtmitte und ist mit öffentlichen Verkehrsmitteln gut erreichbar.
23. rechteckiger Grundriss
  - vorgefertigte Betonelemente
  - verglaste Fassaden
  - Zugang für Behinderte
  - Wahl der Baumaterialien mit der Absicht, die Unterhaltskosten zu reduzieren

**C Technische Information über das neue Gebäude****a) Gesamtfläche (in m<sup>2</sup>)**

24. 5 440 m<sup>2</sup>
25. 1 500 m<sup>2</sup>
26. 6 Kabinen für individuelle Arbeit
27. 11
28. Sonderlesesaal mit alten und neuen Theaterplakaten, Theaterprogrammen, dazu Fach(Theater)buchsammlung
29. k.A.
30. im alten und neuen Gebäude offene Ausstellungsräume zwischen Garderobe und Lesesälen
31. max. 60 Plätze, 63 m<sup>2</sup>
32. vorhanden
33. 600 m<sup>2</sup>
34. 3 000 m<sup>2</sup> auf 4 Etagen
35. k.A.

36. 7 Stockwerke, dabei 1 Untergeschoss ; davon 2 öffentlich zugängliche Stockwerke

37. 97

38. – 41. k.A.

**b) Gesamtkapazität Stellfläche (Bände):**

42. 800 000 Bände

43. max. 10 000 Bände

44. ~ 800 000 Bände

45. ~ 800 000 Bände

46. k.A.

47. k.A.

48. 26 – 30

**c) Mechanische Eigenschaften**

49. Ja

50. – 52. k.A.

53. Aufzüge

54. Lift

55. 3M

56. LAN

57. catégorie 6 / 1 Gbit

58. k.A.

**D Zeitplan**

59. k.A.

60. 1999

61. Mai – November 2000

62. Oktober 2000

63. 5 Jahre

64. Februar – November 2005

65. 18. November 2005

**E Kosten**

66. 1 225 m<sup>2</sup> für 1 500 000 zl im Jahre 1998

67.-69. k.A.

70. 18 000 000 zl



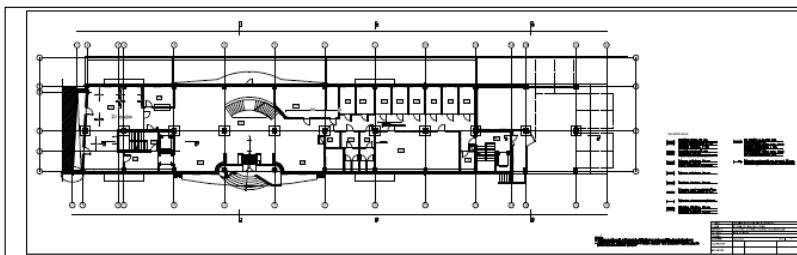
Fassade



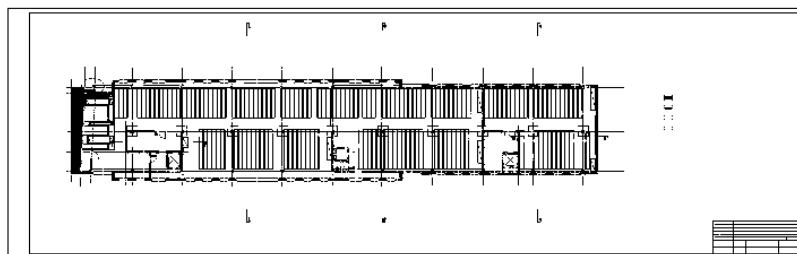
Lesesaal



Eingang zum Theaterlesesaal



Erdgeschoss des Neubaus



Obergeschoss ■ Magazin im Neubau

## **Gent, Library of the Faculty of Economics and Business administration. Belgium**

### **A General information**

#### **a) Name and address**

1. Scientific Library
2. Bibliotheek Faculteit Economie en Bedrijfskunde / Library of the Faculty of Economics and Business administration
3. Tweekerkenstraat 2 , B-9000 Gent, Belgium
4. Phone : +32 9 264 34 73  
Fax : +32 9 264 35 92  
E-mail : philippe.standaert@UGent.be
5. Philippe Standaert
6. Philippe Standaert

#### **b) Population served**

7. 5 - 7 000 (registered visitors)
8. 1 600 (faculty), 30 000 university
9. 400
10. 250

#### **c) Conditions of the library (before the new project)**

11. 565 m<sup>2</sup>
12. 80
13. 1 300 linear metres
14. 300 linear metres
15. 1 000 linear metres
16. 4
17. varies, always open during office hours

### **B The new building: aims and features**

#### **a) Architect(s)**

18. BEEL AND DEGEYTER
19. Jo Tailieu and Peter Willaert
20. New building

**b) Aims of the new building**

21. new faculty building with open stacks library and an auditorium of 600 seats:

- more holdings in open stacks, to have at least 10 000 monographs in open shelves
- more readers seats, to have at least 80 seats
- to obtain more opening hours

**c) Special Features**

22. Sint Pietersnieuwsstraat site  
on a campus in the city, adjacent to public transportation by bus

23. rectangular architecture

- glass walls
- disabled access
- materials selected to reduce maintenance costs

**C Technical information about the new building****a) Floor area (in m<sup>2</sup>)**

24. 1 024 m<sup>2</sup>

25. 893,14 m<sup>2</sup>

26. none

27. 57

28. none

29. 43,28 m<sup>2</sup>

30. – 31. N/A

32. outside the library

33. two offices and a library desk: 40 m<sup>2</sup>

34. 663,65 m<sup>2</sup>

35. 99,51 m<sup>2</sup>

36. 2 levels

37. 80

38. N/A

39. 57

40. 43,26 m<sup>2</sup>

41. N/A

**b) Total potential capacity of shelving**

- 42. 3 369 linear metres
- 43. 1 425 linear metres
- 44. 1 944 linear metres
- 45. 1 944 linear metres
- 46. – 47. N/A
- 48. 4

**c) Mechanical features**

- 49. Yes
- 50. floor heating
- 51. reacts on movement detectors, is steered by incidence of daylight
- 52. special tiles on the ceiling, special acoustics in the meeting room
- 53. 2 elevators
- 54. none
- 55. KNOTECH
- 56. yes, centralised steered in the university
- 57. UTP (cat6) plus wireless
- 58. N/A

**D Schedule of the building process**

- 59. 1999 - 2000
- 60. 2000 - 2001
- 61. 2001 - 2004
- 62. 2004
- 63. 2,5 years
- 64. 2006
- 65. 1/10/2006

**E Costs**

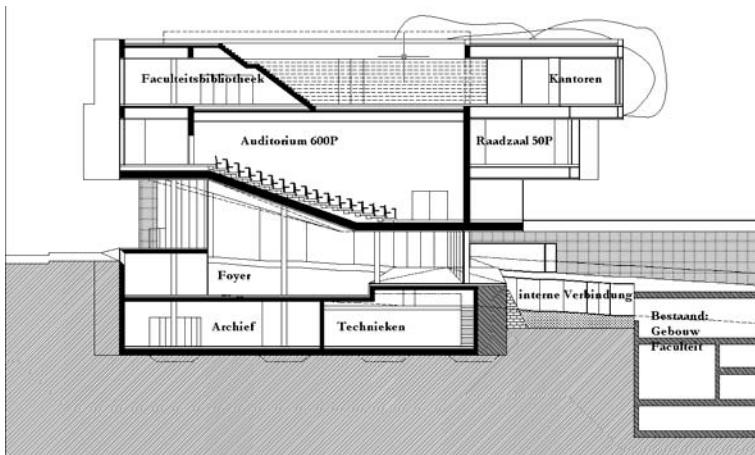
- 66. -
- 67. 10 000 000 €
- 68. incl.
- 69. incl. (15%)
- 70. 10 000 000 €



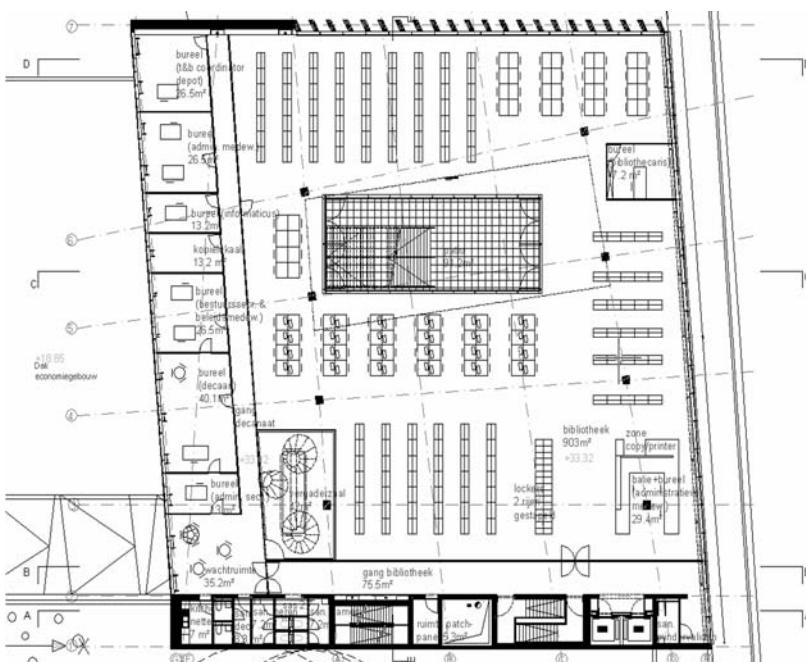
View from the inner court, at the horizon the Booktower  
(Photo: Beel architects)



Reading room and inner court (Photo: Beel architects)



Section of the faculty building with the library on the top floor



Faculty library

## **Glasgow, The Saltire Centre - Glasgow Caledonian University. United Kingdom**

### **A General information**

#### **a) Name and address**

1. University Library
2. The Saltire Centre, Glasgow Caledonian University
3. Cowcaddens Road, Glasgow, G 40BA, Scotland, UK
4. Phone : 0044 (0) 141 273 3000  
Fax : 0044 (0) 141 273 1183  
E-mail : [j.howden@gcal.ac.uk](mailto:j.howden@gcal.ac.uk) ; [tom.finnigan@gcal.ac.uk](mailto:tom.finnigan@gcal.ac.uk)
5. Tom Finnigan, Director of Learner Support
6. Jan Howden, Associate Director, Learner Support

#### **b) Population served**

7. 25 000
8. 12 000
9. 4 000
10. 1 600

#### **c) Conditions of the library (before the new project)**

11. 10 000 m<sup>2</sup>
12. 800
13. 9 000 linear metres
14. 2 000 linear metres
15. 1 000 linear metres
16. 70
17. Mon-Fri 08:00-21:00, Sat-Sun 10:00-18:00 ; reduced during vacations

### **B The new building: aims and features**

#### **a) Architect(s)**

18. BDP
19. Colin Allan – lead architect
20. New building

**b) Aims of the new building**

21. The Saltire Centre development had three main objectives:

- (a) to develop a campus hub which acknowledged the importance of providing an important third place that students would identify with and could be used for marketing the University to students and others,
- (b) to develop a library with technology rich learning environments and improved access to the network,
- (c) bring all student support services into the one service area to increase their visibility and develop a customer focussed service.

- The building reduced the holdings on open stack to 100 000 with 200 000 being put in open access compact storage.
- Reader places increased by over 100 % to 1 800.
- The Saltire Centre is well known as an example of a technology rich learning environment providing appropriate technology from individual to quiet study. Four hundred desk top computers and 200 laptops are available. Other learning technology is available for loan or use; such as smartboards and scanners in our high intensity group learning environment.
- The opening hours have been extended to 23:00 and vacation hours are the same as academic semester hours.

**c) Special Features**

22. The Saltire Centre links the main teaching blocks and has five entrances and exits to improve accessibility. It creates a social, intellectual, cultural and marketing hub for the campus. The campus is a compact city centre campus. The Saltire Centre is in the middle of the campus. The city centre location, beside both mainline bus and train stations, ensures easy access.

23. The architecture has some elements which reflect the Scottish vernacular. A copper tower and glass walls are the main exterior features with a five storey atrium supported by Douglas fir beams and housing the main routes through the building being the main internal features.

- The plan reflects the best use of the site; joining two teaching buildings. The building complies with all regulations.
- Concrete is used for floor and roof structures.
- The north facing glass wall is Reglit glass. This is at night with different coloured lights reflecting the mood of the floors.

## C Technical information about the new building

### a) Floor area (in m<sup>2</sup>)

- 24. 10 500
- 25. – 27. N/A
- 28. The Norman and Janey Buchan Reading Room is used for consulting Research Collections
- 29. Two seminar rooms support workshops and other events
- 30. The mezzanine entrance is used for small events and exhibitions whilst the social learning space on Level 0 can support large conferences, events and exhibitions
- 31. N/A
- 32. A café is open the same hours as the building.
- 33. There is one open plan office for over 90 staff, including library staff. A separate small staff room is available.
- 34. Research collections are held in closed access stacks. Open access compact storage is used for around 8 000 linear metres of books and journals.
- 35. N/A
- 36. The building is over five levels.
- 37. 1 800
- 38. N/A
- 39. 400 desk top, 200 laptop
- 40. 2 seminar rooms
- 41. N/A

### b) Total potential capacity of shelving

- 42. N/A
- 43. 11 000 linear metres
- 44. offsite 1 000 linear metres
- 45. 8 000 metres
- 46. - 47. N/A
- 48. 60

### c) Mechanical features

- 49. The building uses a natural ventilation system to move air from the south facing atrium through the building.
- 50. – 51. N/A

52. The study floors are not open to the atrium and sound baffle panels are used instead of suspended ceilings.
53. Two lifts are available including a fire evacuation lift.
54. N/A
55. CCTV and magnetic security systems operate at all entrances + exits.
56. – 58. N/A

## **D Schedule of the building process**

59. 2002
60. N/A
61. 2002
62. 2003
63. two years
64. December 2004
65. January 2005

## **E Costs**

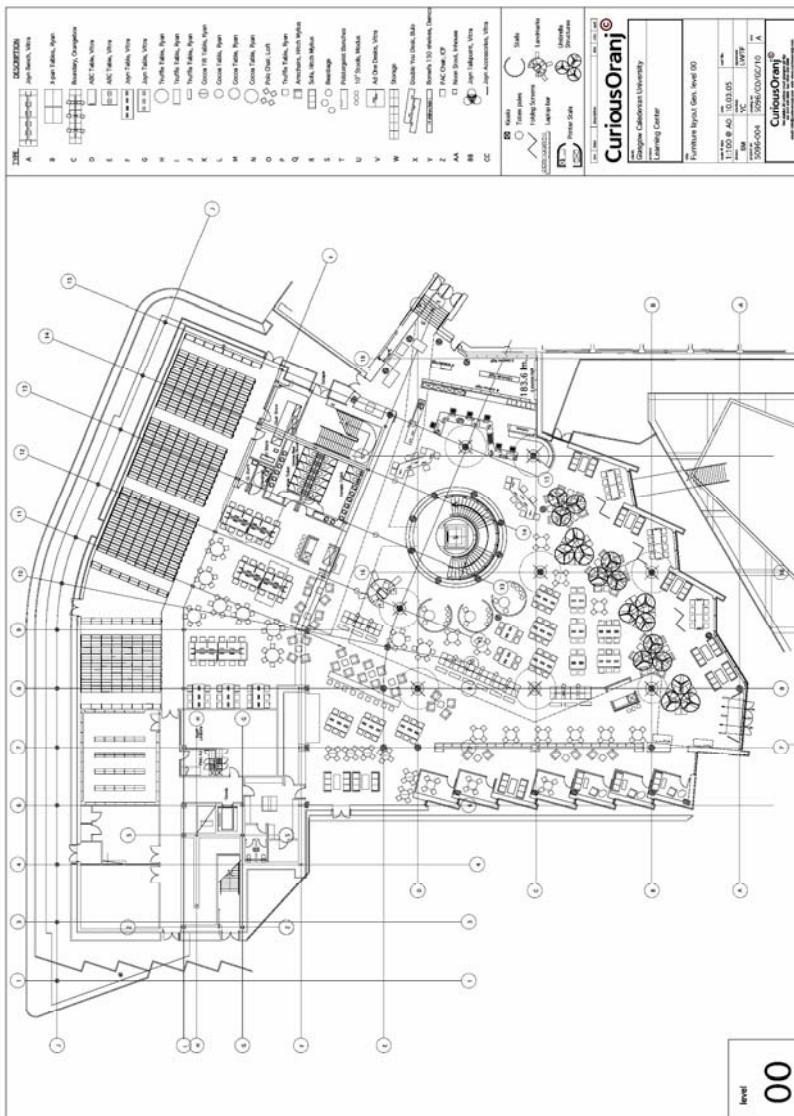
66. – 69. N/A
70. 22 000 000 £



Mall from level 1



Entrance of The Saltire Center



## Level 00 ■ Entrance

## Helsinki, Viikki Science Library. Finland

### A General information

#### a) Name and address

1. Academic Library
2. Viikki Science Library, Infocenter Korona
3. Viikinkiaari 11 A, P.O. Box 62, 00014 University of Helsinki, Finland
4. Phone : +3580 191 58029, +3580 191 58025  
Fax : +3580 191 59485  
E-mail : Viikki-Lib@helsinki.fi
5. Mrs. Heli Myllys
6. Mrs. Heli Myllys or Mrs. Merja Kettunen

#### b) Population served

7. 6 000
8. N/A
9. N/A
10. 1 600

#### c) Conditions of the library (before the new project)

11. – 12. N/A
13. 24 000 linear metres publications, 27 000 linear metres shelf potential
14. 11 000 linear metres, 12 500 linear metres shelf potential
15. 13 000 linear metres, 14 500 linear metres shelf potential
16. 50
17. 4 libraries, each library open 280 days per year

### B The new building: aims and features

#### a) Architect(s)

18. ARK-house, Helsinki, Finland
19. Mr. Markku Erholz, Mr. Hannu Huttunen, Mr. Pentti Kareoja
20. New building

#### b) Aims of the new building

21. To reduce the number of departmental libraries and to put together a number of libraries focusing in bioscience ( Biosciences and biotech-

nology, Ecology, systematics and environmental science, Food science, Pharmacy, Home economics and consumer research, Agriculture, Forestry, Economics and social sciences, Veterinary medicine). Development of the library in the field of research. Extension of the opening hours to the public.

### **c) Special Features**

22. Viikki is one of the four campus areas of the university of Helsinki 10 km from the center of Helsinki. Library building (Infocenter Korona) is in the middle of this campus next to the University. In the same building there are also faculty offices, lecture halls, computer rooms and a cafeteria, which are not included in square metres.
23. round and polygonal, double walls (concrete wall + 1,5 m space in between + glass wall as an outer layer), disabled access

## **C Technical information about the new building**

### **a) Floor area (in m<sup>2</sup>)**

24. 5 270 m<sup>2</sup>
25. 2 945 m<sup>2</sup>
26. none
27. 54 computers in open access area
28. 1 room, 28 m<sup>2</sup>
29. 10 rooms, 107 m<sup>2</sup>
30. exhibition shelves in open access area
31. 4 in the same building, not administrated by the library
32. 1 cafeteria in the same building, not in the library area
33. 715 m<sup>2</sup>
34. 1 277 m<sup>2</sup>
35. 226 m<sup>2</sup>
36. 4 floors
37. 381
38. none
39. 54
40. 10 rooms, 107 m<sup>2</sup>
41. 327

### **b) Total potential capacity of shelving**

42. 12 600 linear metres publications, 15 400 linear metres shelf potential

- 43. 7 200 linear metres publications, 8 850 linear metres shelf potential
- 44. 5 400 linear metres publications, 6 500 linear metres shelf potential
- 45. 8 300 linear metres publications, 9 500 linear metres shelf potential
- 46. - 47. N/A
- 48. 45

### **c) Mechanical features**

- 49. machinery ventilation. Special attention to the exhaust air heat recovery and need based ventilation.
- 50. central heating. Special attention was given to achieve very low specific heat energy consumption.
- 51. natural light through glaswalls and electric lighting
- 52. acoustic panels
- 53. 2 lifts
- 54. transportation system: trolleys, non-automatic system
- 55. magnetic detection gates
- 56. ventilation and heating control are computerised
- 57. cabling type CAT 5, 100Mb
- 58. N/A

### **D Schedule of the building process**

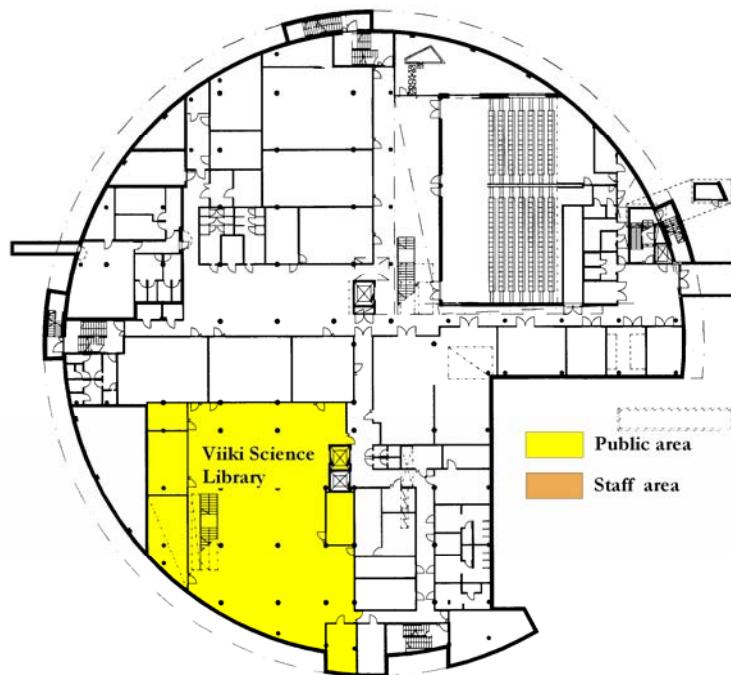
- 59. 1 -6/1996
- 60. 12/1995 - 5/1996
- 61. 8/1996 - 1997
- 62. 10/1997
- 63. 1998-1999, 18 months
- 64. 1999
- 65. 1.9.1999

### **E Costs**

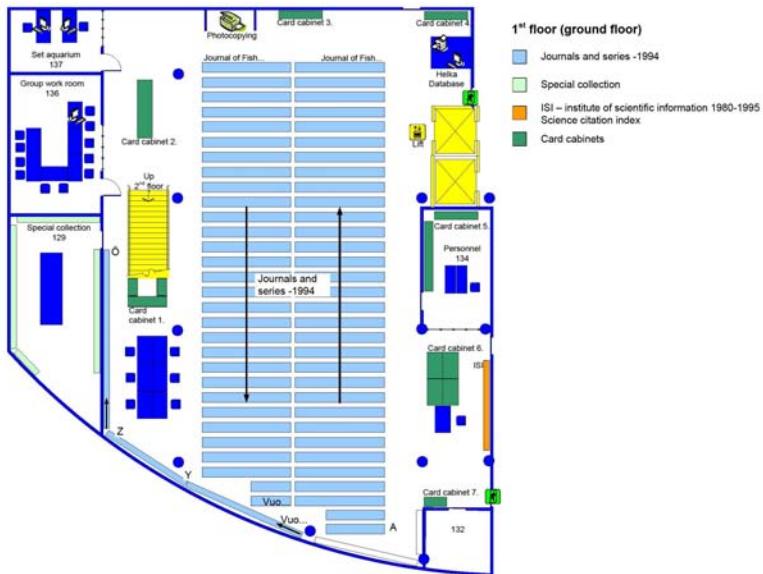
- 66. site work is included in building costs, a separate parking house was built nearby, total costs were 2 000 000 € (without VAT). The parking lot serves a larger area, not only the Korona building.
- 67. 13 000 000 € (without VAT)
- 68. 2 000 000 € (without VAT)
- 69. included in building costs
- 70. 17 000 000 € (without VAT)



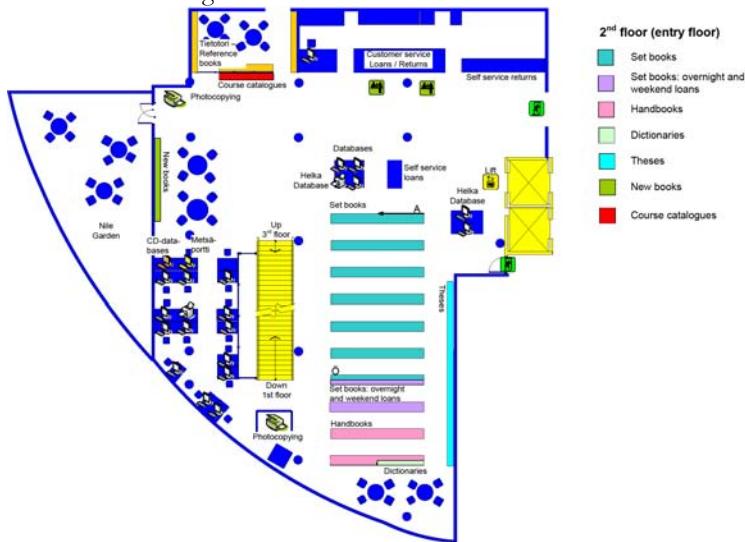
Facade (Photo: Jari Laine)



1<sup>st</sup> Floor (Architects: ARK-house, Helsinki)



### 1<sup>st</sup> Floor Furnishings



### 2<sup>nd</sup> Floor Furnishings ■ entry floor

**Isparta, Information Center Suleyman Demirel University. Turkey****A General information****a) Name and address**

1. University Library
2. Suleyman Demirel University Prof. Dr Hasan GÜRBÜZ Information Center
3. Süleyman Demirel Üniversitesi  
Kütüphane ve Dokümantasyon Daire Başkanlığı 32260 Isparta / Turkey
4. Tel : 0 (246) 2113570 – 71  
Fax : 0 (246) 2370862  
E-mail : kutuphane@sdu.edu.tr
5. Mr. Uğur Bulgan
6. Mr. Uğur Bulgan

**b) Population served**

7. 15 140
8. 36 000
9. -
10. 1 800

**c) Conditions of the library (before the new project)**

11. 1 318 m<sup>2</sup>
12. 180
13. 70 000 books and 1 300 periodicals
14. 70 000 volumes
15. 1 300
16. 20
17. 45 hours per week. Library is closed at the weekend and official holidays. Library is open 245 days per year.

**B The new building: aims and features****a) Architect(s)**

18. Y.E.G. Architectural Firm, Ankara/Turkey

19. Ertur Yener, Erdoğan Elmas, Zafer Gülcür
20. New building

**b) Aims of the new building**

21. more holdings (books and periodicals) in open stacks
  - more shelving capacity
  - more floor area
  - more readers seats
  - individual multimedia carrels
  - group study rooms
  - seminar rooms
  - fully equipped multimedia rooms
  - development of the library in the field of research
  - computer and audiovisual materials
  - exhibition spaces

**c) Special Features**

22. location of the library on a campus
23. reinforced concrete with hallow bricks and pressed brick cladding
  - high windows, sizes of the modular grid
  - materials selected to reduce maintenance costs

**C Technical information about the new building****a) Floor area (in m<sup>2</sup>)**

24. 8 000 m<sup>2</sup>
25. 4 500 m<sup>2</sup>
26. 600 m<sup>2</sup>
27. 200 m<sup>2</sup>
28. 150 m<sup>2</sup>
29. 150 m<sup>2</sup>
30. 150 m<sup>2</sup>
31. 150 m<sup>2</sup>
32. N/A
33. 1 200 m<sup>2</sup>
34. 100 m<sup>2</sup>

35. 800 m<sup>2</sup>

36. N/A

37. 950

38. 134

39. 50

40. 95

41. 671

**b) Total potential capacity of shelving**

42. 272 500 volumes

43. 258 500 volumes

44. 12 000 volumes

45. 720

46. 8 000 media

47. N/A

48. 32

**c) Mechanical features**

- 49. effective air conditioning with filters, cooling and humidity control
- 50. a mix of centrally controlled convectors, heating via the air handling systems
- 51. modular in-situ fluorescence lighting on the lowered ceilings
- 52. available
- 53. two side of library for four floor
- 54. lifts and booktrucks
- 55. 3M 3800 Series with three corridors, with voice and light warning
- 56. fire protection
- 57. 34 mbps Building cabling with Cat.5E. From building to backbone with 62,5 micron fiberoptic cable
- 58. Funfirex4200 Server, 6 wireless acces points

## **D Schedule of the building process**

- 59. 1998 (one year)
- 60. 1999
- 61. October - December 1999
- 62. 2000
- 63. 2000 - March 2007 (8 year)
- 64. April 15 - May 2007
- 65. 15<sup>th</sup> June 2007

## **E Costs**

- 66. – 69. N/A
- 70. 6 000 000 YTL (5 Million US Dollars)



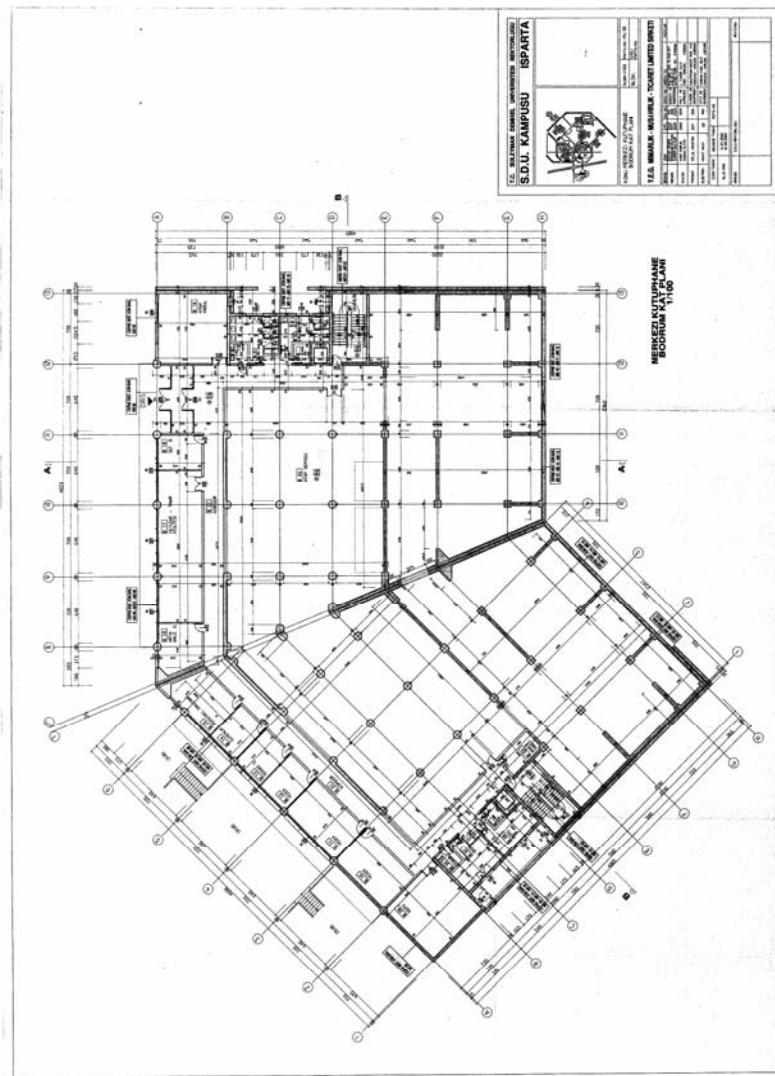
Facade



Reading area



Lounge



Ground Level

## Izmir, Izmir Institute of Technology Library. Turkey

### A General information

#### a) Name and address

1. University
2. Izmir Institute of Technology Library
3. Gulbahce Campus, 35430 Urla/Izmir, Turkey
4. Tel : +902327506330
5. Fax : +902327506333
6. E-mail : gultekingurdal@iyte.edu.tr
7. Mr. Gultekin Gurdal
8. Mr. Gultekin Gurdal

#### b) Population served

7. 2 978
8. 1 529
9. 673
10. 776

#### c) Conditions of the library (before the new project)

11. 600 m<sup>2</sup>
12. 40
13. 22 000 books and 120 periodicals
14. all
15. N/A
16. 9
17. 40 hours a week. Library is closed at the weekend and public holidays.  
Library is open 245 days per year.

### B The new building: aims and features

#### a) Architect(s)

18. Design Project: DEKOMOD architectural Firm Izmir/Turkey  
Interior Design project: Izmir Institute of Technology office of Buildings and Grounds
19. Building Design: Architect Husamettin Ozkaymakci  
Interior Design: Architect Phd Eray Bozkurt

20. New building

**b) Aims of the new building**

21. more holdings (books and periodicals) in open stacks

- more readers seats
- study carrels with plug Internet Connections and desk light
- individual and group study rooms
- seminar rooms
- fully equipped multimedia rooms
- Mind Developments Games space (Go and Chess play and read newspaper)
- development of the library in the field of research
- computer and audiovisual materials
- extension of the opening hours to the public
- exhibition spaces
- Performance Center

**c) Special Features**

22. Location of the library on a campus, 40 km away from the city center, adjacent to public transportation and Cesme - Izmir Motorway

23. Rectangular plan:

- reinforced concrete with hollow bricks and pressed brick cladding
- high windows, sizes of the modular grid,
- disabled access, with a ramp and elevator
- materials selected to reduce maintenance costs are pressed brick for cladding instead of paint

**C Technical information about the new building**

**a) Floor area (in m<sup>2</sup>)**

24. 6 100 m<sup>2</sup>

25. 4 148 m<sup>2</sup>

26. 56 m<sup>2</sup>. Two separate rooms with large screen TV, DVD Player and other equipments

- 27. 534,39 m<sup>2</sup>. Sixty Thin client computers with LCD screen, placed inside 1 060 mm x 750 mm study carrels.
- 28. 75 m<sup>2</sup>
- 29. 80 m<sup>2</sup>. Four different spaces. Ranges from 12 seats to max. 24 seats
- 30. 200 m<sup>2</sup>
- 31. 500 m<sup>2</sup>
- 32. 100 m<sup>2</sup>
- 33. 965 m<sup>2</sup>
- 34. N/A
- 35. 850 m<sup>2</sup>
- 36. 2 levels
- 37. 504
- 38. 30
- 39. 60
- 40. 56
- 41. 80

**b) Total potential capacity of shelving**

- 42. 90 000 volumes
- 43. 90 000 volumes
- 44. N/A
- 45. N/A
- 46. 900 media
- 47. N/A
- 48. 15

**c) Mechanical features**

- 49. – 50. HVAC System inside the lowered ceilings
- 51. modular in-situ fluorescence lighting on the lowered ceilings
- 52. N/A
- 53. 2 passenger lifts
- 54. lifts and ramp
- 55. magnetic door
- 56. fire protection
- 57. Fibre Optic cables
- 58. 22 Wireless access point

## **D Schedule of the building process**

- 59. 2000. One year
- 60. 2001
- 61. January - March 2001
- 62. January 2002
- 63. August 2007 (5 years 8 months)
- 64. August - October 2007 (60 days)
- 65. 2<sup>nd</sup> of October 2007

## **E Costs**

- 66. N/A
- 67. 3 750 000 Million US Dollars
- 68. 416 660 Million US Dollars
- 69. N/A
- 70. 4 166 660 Million US Dollars



Exterior Photo of the Library



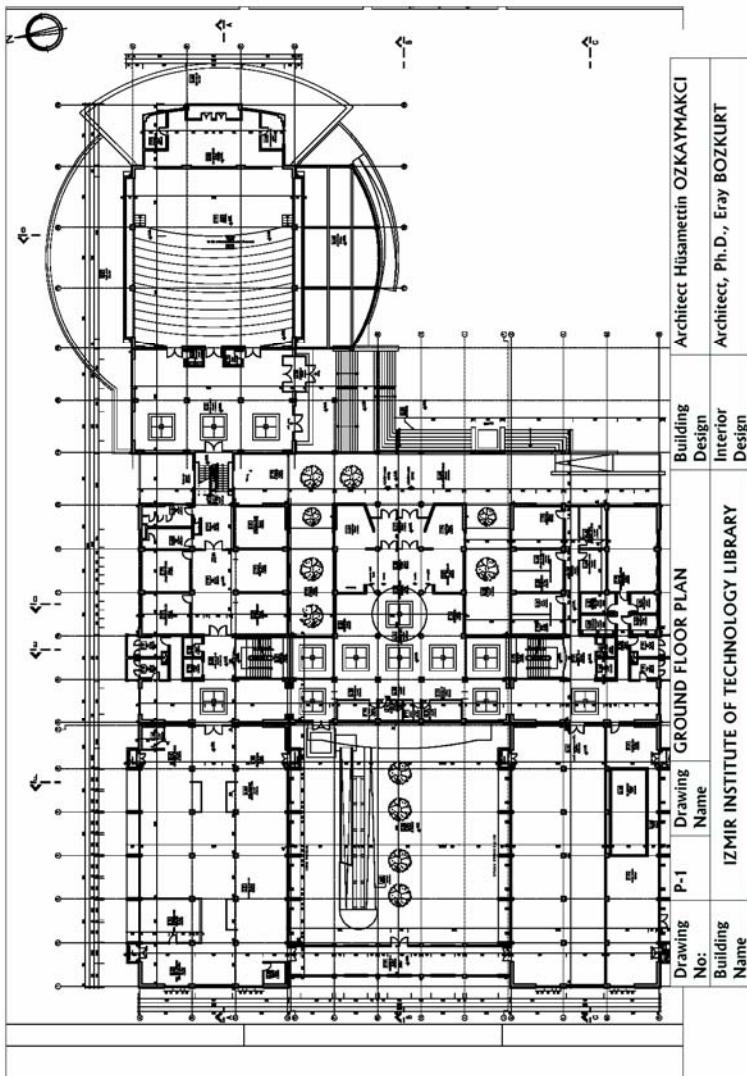
Photograph by Dilek Dusunur

Reception Hall



Photograph by Dilek Dusunur

Mind Development Games Room



Ground Floor (Architect: Husamettin Ozkaymakci)

**Karlsruhe, Universitätsbibliothek. Deutschland****A Allgemeine Information****a) Name und Adresse**

1. Wissenschaftliche Universalbibliothek
2. Universitätsbibliothek Karlsruhe
3. Straße am Forum 2, D-76131 Karlsruhe, Deutschland
4. Tel : +49 721 6083101,  
Fax : +49 721 6084886,  
E-mail : ub@ubka.uni-karlsruhe.de
5. Dipl.-Ing. Christoph-Hubert Schütte, Ltd. Bibliotheksdirektor
6. Dr. Herbert Kristen

**b) Publikum**

7. 24 406
8. 18 353
9. 0
10. 4 352

**c) Situation der Bibliothek (vor dem neuen Projekt)**

11. 14 151
12. 1 180
13. 1 045 018
14. 226 349
15. 818 669
16. 68,75
17. 168 h / Woche und 365 Tage / Jahr

**B Das neue Gebäude: Ziele und Eigenschaften****a) Architekt**

18. Studio: Prof. Heinz Mohl
19. Prof. Heinz Mohl
20. Erweiterung/Renovation

**b) Ziele des neuen Gebäudes**

21. Erweiterung des Freihandbereiches :

- grössere Bestände in Freihand-Aufstellung
- mehr Benutzerarbeitsplätze
- 24 Stunden Öffnung

**c) Spezielle Merkmale**

22. Zentrale Lage innerhalb des stadtnahen Campus, Mensa und Audi-max in unmittelbarer Nähe, gute Anbindung an öffentliche Verkehrsmittel

23. Langgestreckter, rechteckiger Grundriss, 5 Ebenen (UG, EG, 1. OG, 2.OG, 3.OG).  
Bauweise: Betonskelett mit innen und außen vorgemauerten Betonsteinen, dazwischen Isolierung.  
Fassade: Kastenfenster mit Isolierungsverglasung, zusätzlich außen liegende Lamellenfenster. Gesamtes Gebäude mit Doppelboden

**C Technische Information über das neue Gebäude****a) Gesamtfläche (in m<sup>2</sup>)**

24. 5 278 m<sup>2</sup>  
25. 4 307 m<sup>2</sup>  
26. – 28. k.A.  
29. 130 m<sup>2</sup>  
30. k.A.  
31. k.A.  
32. 87 m<sup>2</sup>  
33. 319 m<sup>2</sup>  
34. k.A.  
35. k.A.  
36. 5 Stockwerke öffentlich zugänglich  
37. 700  
38. k.A.  
39. 56  
40. 1  
41. 660

**b) Gesamtkapazität Stellfläche**

- 42. 100 175 Bände
- 43. 100 175 Bände
- 44. – 47. k.A.
- 48. 12

**c) Mechanische Eigenschaften**

- 49. keine Klimaanlage, Lüftungssystem durch Lichthöfe, Bauteilkühlung
- 50. Warmwasser
- 51. Deckenbeleuchtung, Regalbeleuchtung, Arbeitsplatzbeleuchtung
- 52. k.A.
- 53. 2 Aufzüge
- 54. Telelift angeschlossen an Anlage des Altbau
- 55. Buchsicherung auf RFID-Basis
- 56. WLAN und jeder Arbeitsplatz hat Internetzugang über Festnetz
- 57. 100 Mb/sec pro Arbeitsplatz
- 58. Selbstverbuchung und automatische Rückgabe auf RFID-Basis

**D Zeitplan**

- 59. 1983
- 60. 1984
- 61. 2001
- 62. 2002
- 63. 4 Jahre
- 64. 2006
- 65. 23.04.2006

**E Kosten**

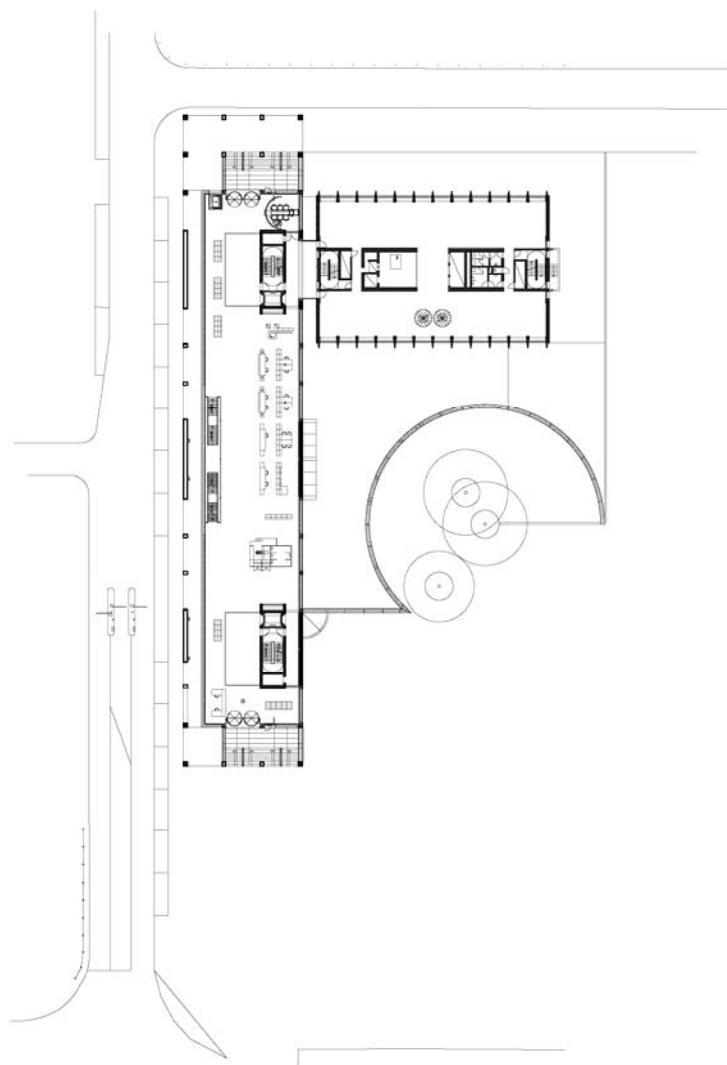
- 66. k.A.
- 67. 15 000 000 €
- 68. 2 000 000 €
- 69. k.A.
- 70. 17 000 000 €



Osteingang in den Anbau (Foto: Thilo Mechau, Universität Karlsruhe)



Arbeitsplätze (Foto: Thilo Mechau, Universität Karlsruhe)



Erdgeschoß Eingangsebene ■ Neubau (links) – Altbau Bücherturm (rechts)  
(Studio: Prof. Heinz Mohl)

**Kaunas, Library and Health Sciences Information  
Centre - Kaunas University of Medicine. Lithuania**

**A General information**

**a) Name and address**

1. University Library
2. Library and Health Sciences Information Centre,  
University of Medicine
3. Eiveniu 6, Lt-50161 Kaunas, Lithuania
4. Phone : +370 37 396040  
Fax : +370 37 396042
5. Meile Kretaviciene
6. Meile Kretaviciene

**b) Population served**

7. 7 000
8. 4 000
9. 280
10. 1 000

**c) Conditions of the library (before the new project)**

Very bad, library was situated in the former Bank premises, not adapted for the library purposes.

11. 1 300 m<sup>2</sup>
12. 80
13. 500 000 volumes
14. 10 000 volumes
15. 490 000 volumes
16. 35
17. 2 910 h per year

**B The new building: aims and features**

**a) Architect(s)**

18. Grazina Janulytes-Bernotienės studio  
Gedimino 48-2, LT-44239 Kaunas, Lithuania

Tel/Fax : +370 37 422106

E-mail : gj.studio@takas.lt, www.janulyte.lt

19. Grazina Janulyte-Bernotiene

20. New building

### **b) Aims of the new building**

21. Short description of the main objectives and purposes of the project:

- project and build a Library according to international university standards
- organize open access to library holdings and periodicals
- implement security control and self-checking system
- organize a wide range of services (training, word processing, copying/printing, binding)
- make problem-based study rooms
- auditoriums for user training, workshops, staff meetings
- elevators for book transportation and for disabled

### **c) Special Features**

\* to create a new "hybrid" type advanced University Library and Health Information Centre, where traditional and virtual services were provided

\* to transform traditional library into a "learning tool" where learning and research process could be performed at the library – starting from search for information up to the typography and binding of research work.

22. University and Hospital campus in the city of Kaunas

23. Architecture: rectangular cube

Rectangular building plan with skylight down to groundfloor. Monolithic concrete construction. High windows - aluminium construction and hanging glass facades.

24. Awards: "Best interior of the year". Architecture of Kaunas'07 exhibition. July 1, 2007

"Architect of the year 2007" of Kaunas district award for the projects: Library and Health Sciences Information Centre, Marijampole Culture Centre, National M.K.Ciurlionis Art Museum. Architecture of Kaunas'07 exhibition. July 1, 2007

## C Technical information about the new building

### a) Floor area (in m<sup>2</sup>)

- 24. 4 096 m<sup>2</sup>
- 25. 2 500 m<sup>2</sup>
- 26. 40 m<sup>2</sup>
- 27. 300 m<sup>2</sup>
- 28. N/A
- 29. 3 x 40 m<sup>2</sup>
- 30. 40 m<sup>2</sup>
- 31. 2 x 80 m<sup>2</sup>
- 32. 90 m<sup>2</sup>
- 33. 277 m<sup>2</sup>
- 34. 520 m<sup>2</sup>
- 35. 123 m<sup>2</sup>
- 36. basement, 4 public levels, technical floor
- 37. 400
- 38. 10
- 39. 135
- 40. 120
- 41. 286

### b) Total potential capacity of shelving

- 42. 6 500 linear metres
- 43. 2 000 linear metres
- 44. 4 500 linear metres
- 45. 4 000 linear metres
- 46. 700 issues
- 47. N/A
- 48. 30

### c) Mechanical features

- 49. recuperative ventilation and air conditioning
- 50. central heating
- 51. general lighting, individual reading seats lighting
- 52. acoustic panels in seminar rooms, office rooms, reading rooms
- 53. vitreous & passengers lift (630kg), small goods lift for books

54. 3M RFID 3 way sorting system, 4 bins
55. 3M RFID Library system
56. N/A
57. optical cable network, wireless network
58. N/A

## **D Schedule of the building process**

59. 1998
60. 2003
61. 2003
62. Sept. 2004
63. 2004-2006
64. Dec. 2006 - Febr. 2007
65. March 6, 2006

## **E Costs**

66. University site
67. 2 700 000 €
68. 900 000 €
69. N/A
70. 3 600 000 €



Facade



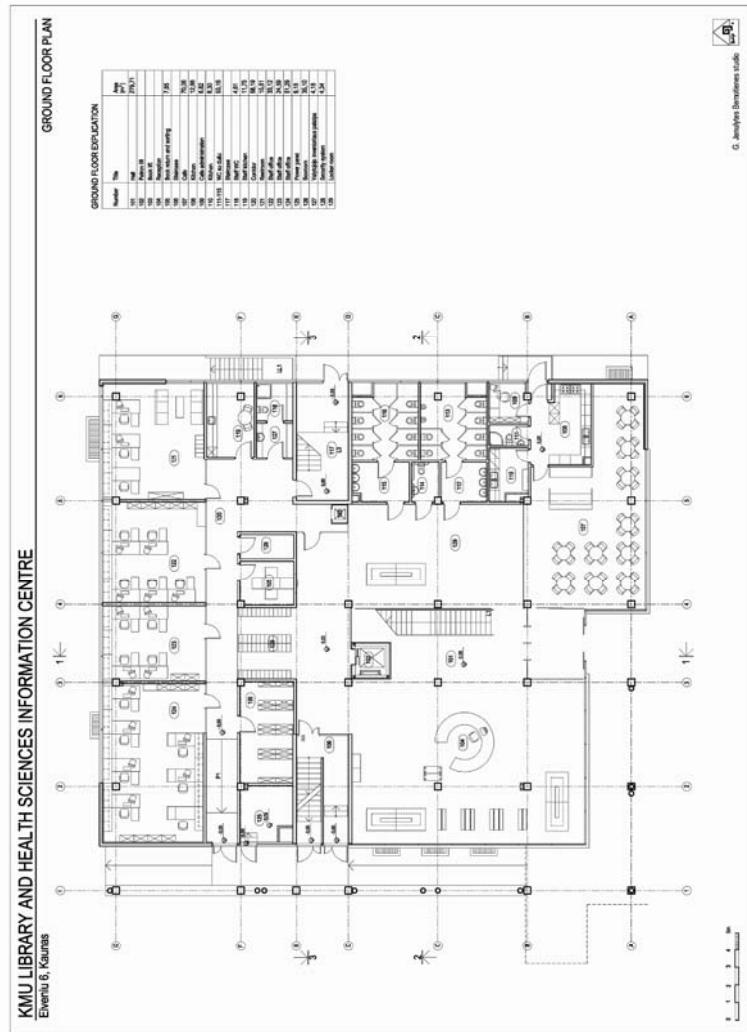
Reading area

KMU LIBRARY AND HEALTH SCIENCES INFORMATION CENTRE  
Eiveniul 6, Kaunas

EVERY 6. KAUNAS

GROUND FLOOR PLAN

174



## Ground Floor

## **Kopenhagen, The Royal Library/University Library - Faculty Library of Humanities. Danmark**

### **A General information**

#### **a) Name and address**

1. University Library
2. The Royal Library, The National Library of Denmark and Copenhagen University Library Faculty Library of Humanities
3. Njalsgade 112, DK-2200 Copenhagen S, Danmark
4. Phone : +45 33 47 47 47  
Fax : +45 33 47 52 00  
E-mail : kb@kb.dk
5. Erland Kolding Nielsen
6. Søren Clausen

#### **b) Population served**

7. 20 800 (NB The whole library)
8. 11 500
9. 2 000
10. 750

#### **c) Conditions of the library (before the new project)**

11. 3 210 m<sup>2</sup>
12. 126
13. 5 700 linear metres
14. 4 500 linear metres
15. 1 200 linear metres
16. 9,5
17. 45 hours/week, 250 days/year

### **B The new building: aims and features**

#### **a) Architect(s)**

18. Dissing & Weitling, Dronningens Gade 68, DK-1420 Copenhagen K
19. Stig Mikkelsen / Niels Thorup

20. New building and extension: Note: In 1997 the first part of the building was finished, and used for closed stacks and rooms for the staff. The second part is now under construction. In the following, the whole building will be described.

### **b) Aims of the new building**

21. The new faculty library will have a considerable extension of reader seats, and better conditions for the staff. The opening hours will be extended, and there will be unlimited access to the Internet. The open stacks will be diminished, and mostly used for handbooks. The closed stacks will be extended with 30 000 linear metres, who will have extraordinary good climatic conditions for old books and photos (12°/2° Celsius)

### **c) Special Features**

22. Location on campus, close to public transportation

23. The library has a rectangular plan, glass facades in public areas and staff-areas, but no windows in areas for closed stacks. Good access for disabled, much concern about acoustics. Much concern about diminishing heating expenditures. Very good air filters in connection with the closed stacks.

## **C Technical information about the new building**

### **a) Floor area (in m<sup>2</sup>)**

24. 13 332 m<sup>2</sup> brutto

25. 2 654 m<sup>2</sup> netto

26. no

27. no special rooms, computers are in the open areas

28. no

29. 1 room of 75 m<sup>2</sup> intended for education: 20 persons. 1 room of 75 m<sup>2</sup> intended for study work: 22 persons

30. no

31. no

32. 345 m<sup>2</sup>, with coffee machines etc.

33. 658 m<sup>2</sup>

34. 7 985 m<sup>2</sup> netto

35. 2 275 m<sup>2</sup> netto

- 36. 4 levels, 3 public. The new closed stacks have 5 levels. The stacks from 1997 have 7 levels
- 37. 429
- 38. 2 (microfiches/film)
- 39. 30
- 40. 20
- 41. 377 (all with access to Internet)

**b) Total potential capacity of shelving**

- 42. 79 260 linear metres
- 43. 3 360 linear metres
- 44. 75 900 linear metres
- 45. 38 000 linear metres
- 46. 1 300 linear metres
- 47. 2 600 linear metres of photographic negatives
- 48. 18 (estimate)

**c) Mechanical features**

- 49. – 52. Yes
- 53. 3, 1 for public use, 2 internal
- 54. No
- 55. – 56. Yes
- 57. Category 6 E, gigabit net cable
- 58. N/A

**D Schedule of the building process**

- 59. 1993
- 60. 1994: 1. part completed 1997
- 61. 2005-2006 (2. part)
- 62. May 2006
- 63. 20 months expected
- 64. 2-3 months
- 65. March 2008

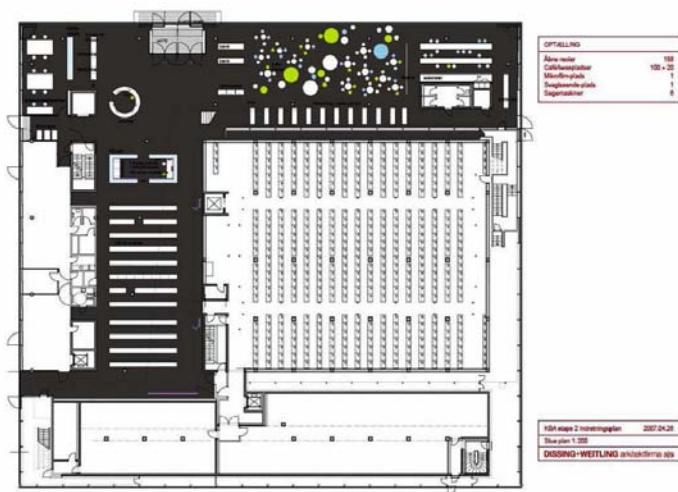
**E Costs**

- 66. Owned by the Ministry of Culture
- 67. 17 300 000 € (2. part of the building)

68. 1 700 000 € (2. part of the building)
69. 2 000 000 € (2. part of the building)
70. 21 000 000 € (2. part of the building)



View (Architects)



Ground Floor (Architects)

## **London, UCL Library Services - Main Library. United Kingdom**

### **A General information**

#### **a) Name and address**

1. University Library
2. UCL Library Services - Main Library
3. Wilkins Building, Gower Street, London WC1E 6BT, United Kingdom
4. Phone : 020 7679 4359  
Fax : 020 7679 7373  
E-mail : library@ucl.ac.uk
5. Dr Paul Ayris
6. Benjamin Meunier

#### **b) Population served**

7. 65 001
8. 33 008
9. 5 722
10. 15 828

#### **c) Conditions of the library (before the new project)**

11. 3 627 m<sup>2</sup> (Gross Floor Area)
12. 457
13. 9 802 linear metres
14. 9 802 linear metres
15. 0
16. 47
17. 84 hours per week, 325 days per year

### **B The new building: aims and features**

#### **a) Architect(s)**

18. Building Design Partnership (BDP)
19. Illic Testoni

20. Renovation

**b) Aims of the new building**

21. The refurbishment project aims to bring up the reading rooms up to the standards of a 21st century library and provide suitable work spaces for Arts students, whilst preserving the original identity of the space. Although the library building was built by William Wilkins in the 1820s, most of the existing elements stem from the reconstruction and restoration by A E Richardson following war damage (1950s). All desks have been refurbished and equipped with power and data sockets for all users to use their laptops. Former lighting trunking running across the centre of the tables has been removed and replaced with modern light fittings, to give readers more space to use large Arts folios and computers. All reader seats have been refurbished. The original oak bookcases designed by Richardson have also been refurbished. A LCD screen has been installed to display a slide-show of information for users. Mechanical comfort cooling is now installed to improve environmental conditions in the reading rooms. Disabled access has been improved by widening the entrance doors to make them wheelchair-friendly.

**c) Special Features**

22. The library is situated in the Grade I-listed Wilkins Building, at the heart of the Bloomsbury campus in London. It is near Euston and Kings Cross-St Pancras train stations, Warren St/Euston Square/Goodge Street Underground stations and is served by a number of bus lines.

23. The refurbished area is formed of four rectangular rooms on one level, with a mezzanine floor above the two rooms at the south end of the building. There are 4 high crittall windows on the south side of the building. There is no wheelchair access to the mezzanine level, which can only be reached by winding stairs. However, disabled access to the reading rooms has been considerably improved by alterations to make doors wider.

**C Technical information about the new building**

**a) Floor area (in m<sup>2</sup>)**

24. 462 m<sup>2</sup>  
25. 407 m<sup>2</sup>

26. There is an Audiovisual Room in the building, which was set up in summer 2006
27. There is a Computer Cluster room in the building, which was set up in summer 2006
28. UCL Library Services' Special Collections are held in a separate building.
29. There are currently no seminar rooms in the Main Library.
30. There is a display/exhibition facility on the Main Library staircase, built in summer 2006
31. – 32. N/A
33. 2 staff offices have been refurbished as part of this project. Air conditioning is now installed in these rooms.
34. – 36. N/A
37. 457
38. 3
39. 28
40. N/A
41. 426

**b) Total potential capacity of shelving**

42. 9 802 linear metres
43. 9 802 linear metres
44. – 45. 0
46. – 48. N/A

**c) Mechanical features**

49. New plant installed on the roof as part of this project. Comfort cooling is now provided through new refrigerant heat pumps installed in the reading rooms and high-level fans improve air circulation.
50. No change to existing heating pipes.
51. The project has allowed to fit new task lighting to the desks and provision for additional task lighting on bookcases. The space is lit by architectural lighting with customized Limburg-type fittings on ceilings and the underside of mezzanines. (Cf picture)
52. The acoustics were tested before the project and are deemed adequate for quiet reading and for laptop usage. Ventilation systems (fans and cooling units) were designed to produce minimum noise levels and will cushion any background noises from users and from the outside.

53. No changes.
54. Manual, no automated systems
55. CCTV at various points in the building. Tattle barrier at exit. Library Attendants patrol the library at least once a day.
56. N/A
57. Type of IT-cabling and capacity: RoamNet wireless network, available to UCL members throughout the building. The refurbished desks are also hard-wired to the campus-wide network.
58. N/A

## **D Schedule of the building process**

59. – 61. N/A
62. 24/09/2007
63. 12 weeks + 5 weeks (delay)
64. 17/12/2007 - 07/01/2008
65. 07/01/2008

## **E Costs**

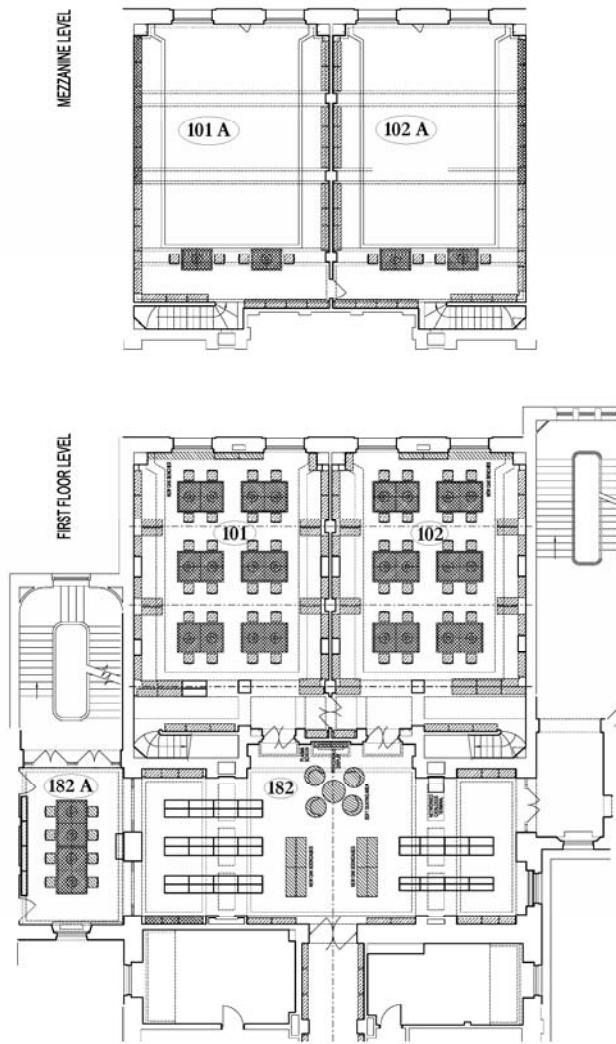
66. N/A
67. £ 622 149
68. £ 114 500
69. £ 99 174
70. £ 760 000



Refurbished reading room ▪ Room 101



Refurbished small reading room ▪ Room 182 A



First floor plan - as refurbished

**Lyon, Service commun de la Documentation de  
l'Université Lyon 1. France****A Information générale****a) Nom et adresse**

1. Bibliothèque universitaire
2. Bibliothèque universitaire de sciences. SCD Lyon 1
3. Domaine de la Doua. 27, avenue Claude Bernard. BP 2215  
69203 Villeurbanne, France
4. Tel : +33 4 72 44 82 06  
Fax : +33 4 72 43 12 70  
E-mail : dominique.wolf@adm.univ-lyon1.fr
5. François Cavalier, Directeur du SCD,  
Marie-Annick Bernard, Responsable BU Sciences
6. Dominique Wolf, chef de projet

**b) Population desservie**

7. 9 762
8. 16 214
9. -
10. 1 305 enseignants-chercheurs Sciences + 700 administratifs environ

**c) Situation de la bibliothèque (avant le nouveau projet)**

11. 10 343 m<sup>2</sup> SHON
12. 790
13. 18 000 mètres linéaires
14. 7 000 mètres linéaires
15. 11 000 mètres linéaires
16. 41
17. 63h/semaine en période pédagogique ; 270 jours

**B Le nouveau bâtiment : buts et caractéristiques****a) Architecte(s)**

18. AUDART\_FAVARO ASSOCIES. Lyon
19. Philippe Audart

## 20. Aménagement

**b) Buts du nouveau bâtiment**

21. Le programme porte sur la requalification des espaces publics et des bureaux du personnel à l'exclusion des magasins en dehors de la conception d'une réserve précieuse (équipement d'un magasin de 160 m<sup>2</sup> sur 2 niveaux) et des travaux de mise en sécurité de ces magasins.

Le programme répond à 7 objectifs majeurs :

- faire de la bibliothèque un espace de grande convivialité
- doter la bibliothèque d'un véritable accueil
- proposer une nouvelle organisation spatiale favorisant des usages variés
- favoriser l'accès aux collections et leur appropriation
- développer le recours aux nouvelles technologies
- optimiser l'emploi des ressources humaines
- mieux inscrire le bâtiment dans la circulation des flux sur le campus

Le programme propose ainsi une augmentation :

- du nombre de places assises
- du nombre de places informatiques
- du nombre de salles de travail, de formation et de carrels
- du nombre de documents en libre accès
- des surfaces liées à l'accueil et à la convivialité

La réhabilitation fournit ainsi l'occasion d'une réorganisation complète des espaces :

- suppression de l'escalier central actuel pour offrir un véritable espace d'accueil au rez-de-chaussée avec un espace d'exposition, une bibliothèque de culture générale et différents services.
- création de salles thématiques
- création de salles de formation, salles de travail en groupe, carrels
- regroupement des bureaux du personnel
- mise en sécurité et accessibilité de tous les espaces aux handicapés
- augmentation générale de la surface attribuée aux usagers et du nombre de places de consultation

**c) Caractéristiques**

22. Bibliothèque située au milieu d'un campus universitaire, desservi par le tramway et des lignes de bus ; à 20 mn de la gare centrale en tramway
23. Bâtiment rectangulaire [40m x 60m] de 5 niveaux sur rez-de-chaussée + 2 niveaux de magasins enterrés
  - construction béton post contrainte datant de 1968
  - façades des espaces de lecture entièrement vitrées et protégées de brise-soleil
  - rénovation intérieure totale
  - construction d'une "tour" de circulation pour le public, intégrant un escalier et deux ascenseurs

**C Informations techniques sur le nouveau bâtiment****a) La surface (en m<sup>2</sup>)**

24. 11 305 m<sup>2</sup> dans oeuvre
25. 5 045 m<sup>2</sup> dans oeuvre
26. -
27. salle libre service : 48 places, 117 m<sup>2</sup>
28. -
29. salles de formation : 46 places, 144 m<sup>2</sup>
30. ouvert sur le hall : 220 m<sup>2</sup>
31. amphithéâtre 90 places, 152 m<sup>2</sup>
32. ouverte sur le hall (comprise dans l'espace d'exposition)
33. 1 301 m<sup>2</sup> (dont 1 logement de 65 m<sup>2</sup> pour le gardien)
34. 2 318 m<sup>2</sup>
35. 2 008 m<sup>2</sup>
36. 8 niveaux, dont 6 niveaux accessibles au public
37. 1 152
38. 3
39. 250
40. 3 salles de formation totalisant 48 places + 56 carrels et espaces de travail en groupe totalisant 114 places
41. 737

**b) Capacité potentielle totale de stockage**

- 42. 18 000 mètres linéaires
- 43. 5 000 mètres linéaires
- 44. 13 000 mètres linéaires
- 45. aucun
- 46. – 47. n.a.
- 48. 41

**c) Caractéristiques techniques**

- 49. Ventilation double flux avec récupération. Fonctionnement en free-cooling. Rafraîchissement des salles de formation, informatiques libre service et salle de conférence.
- 50. Chauffage central
- 51. Fluorescent basse consommation
- 52. Plafonds et murs absorbants ; moquette au sol
- 53. Ascenseurs et monte-livres
- 54. n.a.
- 55. oui
- 56. GTB
- 57. catégorie 6 / 1 Gbit

**D Échéancier de réalisation**

- 59. 2000 - 2004
- 60. Sélection sur références, 4e trimestre 2005
- 61. mars 2007
- 62. septembre 2007
- 63. 18 mois (1<sup>ère</sup> tranche) + 9 mois (2<sup>e</sup> tranche)
- 64. n.a.
- 65. février 2009 (1<sup>ère</sup> tranche)

**E Coûts**

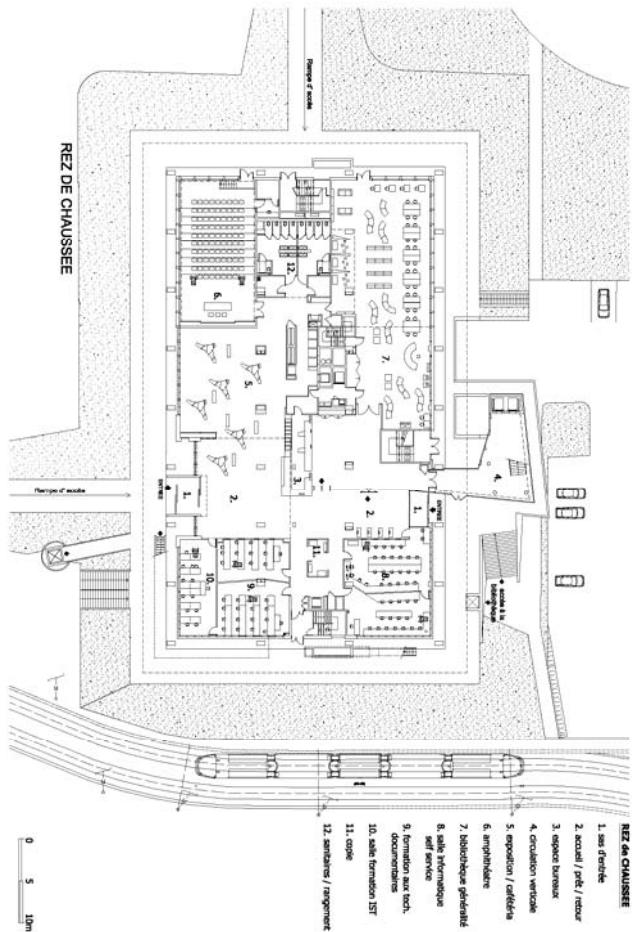
- 66. -
- 67. 8 372 000 € TTC travaux
- 68. 930 000 € (1<sup>ère</sup> tranche) ; 1 000 000 € (demande 2<sup>e</sup> tranche)
- 69. 868 296 € TTC travaux
- 70. 16,1 M€ TTC : 8,2 M€ (1<sup>ère</sup> tranche) et 7,9 M€ demandes (2<sup>e</sup> tranche)



Perspective (Architectes)



Perspective d'ambiances (Architectes)



Modernisation et Réhabilitation BIBLIOTHEQUE DE SCIENCES  
AUDART\_FAVARD ASSOCIES

Lyon 1   
MAI 2007

Rez de chaussee

**Malmö, Orkanen Library - Malmö University. Sweden****A General information****a) Name and address**

1. University Library
2. Malmö University Library (Orkanen Library)
3. Nordenskiöldsgatan 10, S-20506 Malmö, Sweden
4. Phone : 004640-6657300  
Fax : 004640-6657301  
E-mail : orkanenbiblioteket@mah.se
5. Jette Guldborg Petersen
6. Jette Guldborg Petersen

**b) Population served**

7. 70 000
8. 11 000
9. 10 000
10. 1 300

**c) Conditions of the library (before the new project)**

11. 3 500 m<sup>2</sup>
12. 200
13. 130 000 volumes
14. 130 000 volumes
15. -
16. 26
17. 57 hours per week and 295 days per year

**B The new building: aims and features****a) Architect(s)**

18. Diener & Diener (Fojab)
19. -
20. New building

**b) Aims of the new building**

21. The purpose of the project was to design a new building (Orkanen) for the Teacher Education and the main library. The library is a merger of two smaller libraries and the main objective was to provide more attractive and generous study facilities, this regarding space as well as technical equipment. It was important to create a natural and inspiring place to work, study and meet for students, researchers and personnel at the university.

**c) Special Features**

22. Orkanen is located in the centre of the city by the canal in a former harbour area. This area is a development centre regarding university expansion, private accommodation and business centre. The central station is just across the street.
23. The architecture of Orkanen is a contribution to the transformation of Malmö from industrial town to a centre of learning. It is inspired by the simplicity of the old industrial buildings but introduces a modern and sophisticated design. The house has a rectangular plan. It is 150 metres long, 60 metres wide and 5 floors high. From the outside the impression of the building is compact. On the inside the architecture is more complex, divided into six sections. Five inner courtyards allow outdoor passage through the house and provide daylight inside the building. The slightly angled glass facade reflects the surroundings and changes colour with the water and the sky. Orkanen Library is at the top floor. Here, generous windows offer a spectacular view of the city. The main entrance area is the courtyard in the middle of the building, an indoor atrium, which keeps the library in contact with the rest of the house. Visitors from the ground floor are invited by a sculptural open staircase. The six sections houses seminar rooms and administration and staff areas. Between these sections you find indoor streets, circulation areas and squares. The library is an urban space, a block in the city, offering places to study and areas for activities and exhibitions.

**C Technical information about the new building****a) Floor area (in m<sup>2</sup>)**

24. 7 000 m<sup>2</sup> (following data concerns library only)
25. 6 000 m<sup>2</sup>
26. 1 video conference room, 30 m<sup>2</sup>

- 27. 3 rooms, 220 m<sup>2</sup>
- 28. -
- 29. 18 rooms, 190 m<sup>2</sup>
- 30. 120 m<sup>2</sup>
- 31. 3 rooms, 220 m<sup>2</sup>. The library can also use several larger lecture halls at the Teacher Education
- 32. Cafeteria, 150 m<sup>2</sup> and a quiet room for meditation, 24 m<sup>2</sup>
- 33. 700 m<sup>2</sup>
- 34. -
- 35. 500 m<sup>2</sup>
- 36. -
- 37. 700
- 38. 7
- 39. 250
- 40. 50
- 41. 400

**b) Total potential capacity of shelving**

- 42. 240 000 volumes
- 43. 240 000 volumes
- 44. -
- 45. -
- 46. 2 550
- 47. -
- 48. 27

**c) Mechanical features**

- 49. Mechanical ventilation with attached cooling devices fixed close to the ceiling.
- 50. Central heating system with hot water connected to the city district heating system.
- 51. General lighting and special functional/room lighting. The lighting is connected to a Tac Day light system which reduces the electrical consumption on sunny days.
- 52. The building is time checked by acoustic experts during the panning and construction.
- 53. 6 elevators

54. A daily local system and a regional maildelivery
55. ADT Sensormatic system
56. TAC
57. Workstations have 100 Mb to the closest switch and 1 Gb to the switch on internet.
58. -

## **D Schedule of the building process**

59. 1996 - 1997 (following data concerns the whole building)
60. Competition settled 1998
61. Project drawings 2001 - 2004 and competition between contractors 2002
62. Spring 2003
63. Spring 2003 - Spring 2006
64. 1/6 2005 until 15/8 2005
65. 1/9 2005

## **E Costs**

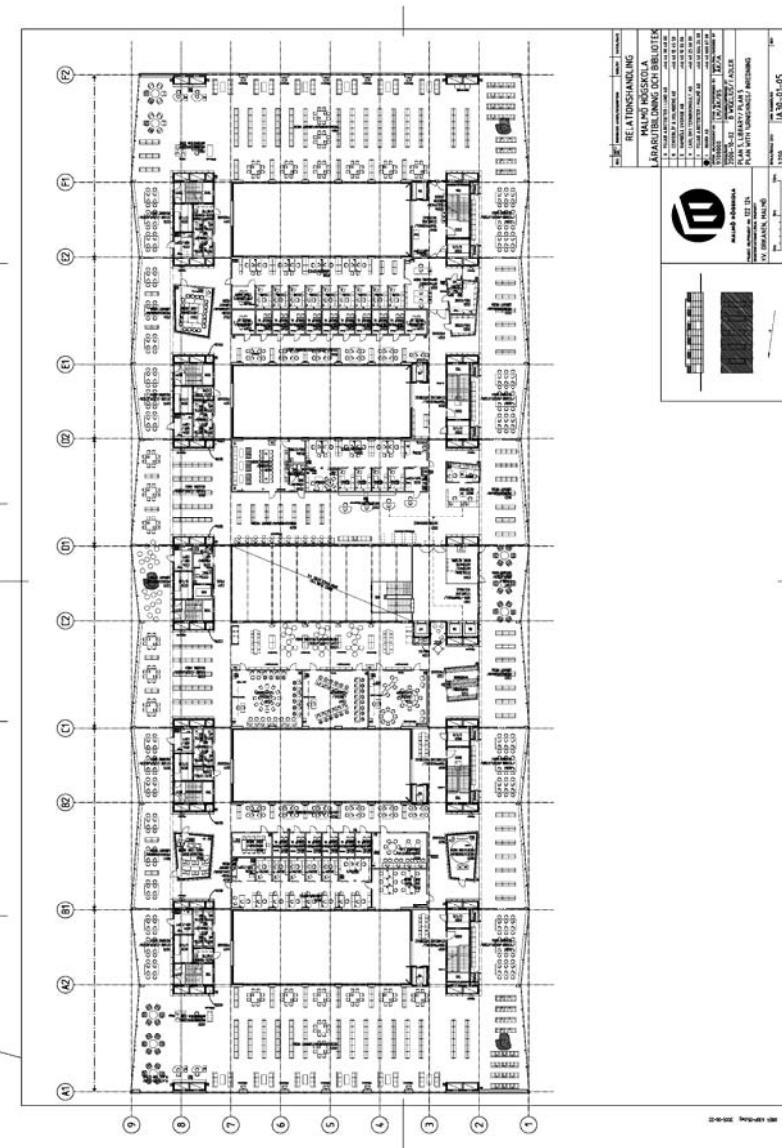
66. No fee, the site is a gift to the university from the city of Malmö
67. 525 000 000 SEK
68. 63 000 000 SEK excluding IT equipment
69. Other costs, consultants, architectural competition and so on, 100 000 SEK
70. 725 000 000 SEK



Facade of the new building (Photo: Lotti Dorthé)



Reading Seats (Photo: Ake Eson Lindman)



## Plan of furnishings ▪ Level 5

**Nicosia, Grand Library of the Near East University.  
North of Cyprus**

**A General information**

**a) Name and address**

1. Academic & Public
2. Near East University Grand Library
3. Nicosia, N. Cyprus
4. Phone : +90 392 223 64 64  
Fax : +90 392 223 5179  
E-mail : [library@neu.edu.tr](mailto:library@neu.edu.tr)  
[http://www.neu.edu.tr/eng\\_main.asp?sayfa=tr/ipersonel](http://www.neu.edu.tr/eng_main.asp?sayfa=tr/ipersonel)
5. Tumer Garip
6. Melek Sunalp

**b) Population served: 15 750 (university) + 40 000 (city)**

7. 21 356
8. 13 000
9. 2 000
10. 750

**c) Conditions of the library (before the new project)**

11. 250
12. 110
13. 500 m
14. all
15. none
16. 5
17. Mon-Fri 08:00 - 16:00

**B The new building: aims and features**

**a) Architect(s)**

18. NEU Design
19. Aynur Tozan
20. New building

**b) Aims of the new building**

21. more holdings in open stacks

- more readers seats
- library to be opened to general public as well
- provide self and group study rooms
- computer and audiovisual materials
- provide cafeteria facilities
- provide exhibition, conferencing and video conferencing facilities
- provide theatre and other performance facilities
- extension of the opening hours to 24 hrs
- extend collection to include blinds, public and other special collections

**c) Special Features**

22. Location of the library is on campus with free transport to the city

23. Combination of rectangular and hexagonal plan,  
local stone covered facade,  
combination of modern and classical designs,  
disabled access & elevators among floors,  
materials selected to provide comfort and functionality –  
costs secondary.

**C Technical information about the new building****a) Floor area (in m<sup>2</sup>)**

Site: 10 000 m<sup>2</sup>, each level of building 3 000 m<sup>2</sup>

24. 9 000 m<sup>2</sup>

25. 5 000 m<sup>2</sup>

26. 90 m<sup>2</sup>

27. 50 m<sup>2</sup>

28. 65 m<sup>2</sup>

29. 1 040 m<sup>2</sup> (lecture halls) and 50 m<sup>2</sup> (seminar room)

30. 300 m<sup>2</sup>

31. 350 m<sup>2</sup> x 2 rooms and 170 m<sup>2</sup> x 2 rooms = total 1 040 m<sup>2</sup>

32. 400 m<sup>2</sup>

33. 300 m<sup>2</sup>

- 34. 50 m<sup>2</sup>
- 35. 1 000 m<sup>2</sup>
- 36. 3 floors all open to the public
- 37. 2 000
- 38. 20
- 39. 50
- 40. seminar rooms 50, lecture halls 1000
- 41. 900

**b) Total potential capacity of shelving**

- 42. 5 000 linear metres
- 43. 4 500 linear metres
- 44. 500
- 45. 16 cubic m
- 46. 4 cubic m
- 47. N/A
- 48. 54 FTE and 40 part time = total 68 FTE

**c) Mechanical features**

- 49. Humidity controlled air conditioning (4 separate central units)
- 50. Humidity controlled air conditioning (4 separate central units)
- 51. Desk lightning on all desks
- 52. N/A
- 53. 2 heavy duty elevators: 1 open to public. 1 disabled + personnel only
- 54. Manual trolleys
- 55. Magnetic 3M detection system. Video cameras in amphitheatres
- 56. N/A
- 57. Fiber Optic internet hub. UTP type Ethernet cabling to all rooms and desks, Wi-Fi coverage on all site
  - 100 admin Ethernet connections
  - 200 public Ethernet connections
- 58. N/A

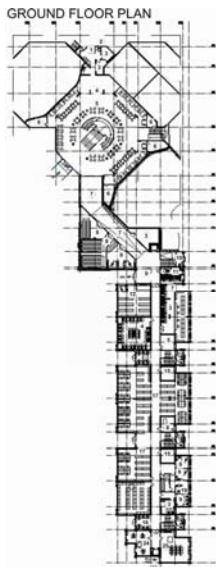
**D Schedule of the building process**

- 59. 2000
- 60. N/A
- 61. end of 2000

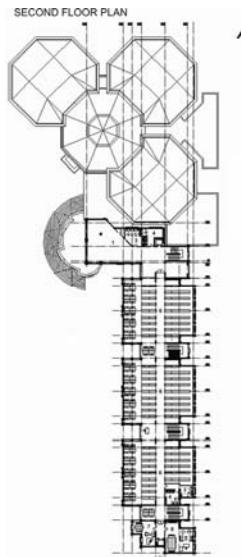
- 62. 2001
- 63. 3,5 years
- 64. 6 months (2005)
- 65. October 2005

## E Costs

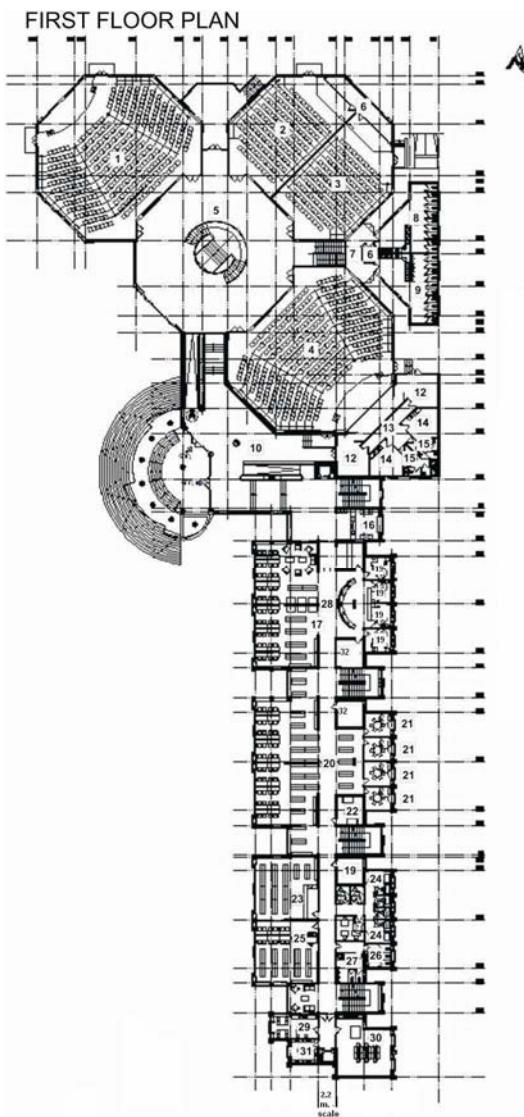
- 66. £ 800 000 (GBP) (\$1 600 000 USD)
- 67. £ 4 600 000 (GBP) (\$9 200 000 USD)
- 68. £ 1 800 000 GBP (\$3 600 000 USD)
- 69. £ 70 000 GBP (\$140 000 USD)
- 70. £ 7 270 000 GBP (\$14 540 000 USD)



Ground Floor



Second Floor



First floor (Architects)



Near East University Grand Library by night



Entrance



Reading area

## **Olsztyn, Main Library of the University of Warmia and Mazury. Poland**

### **A General information**

#### **a) Name and address**

1. University library
2. The Main Library of the University of Warmia and Mazury in Olsztyn
3. 12b Oczapowskiego st. 10-719 Olsztyn, Poland
4. Phone : +48 89 523 33 09  
Fax : +48 89 524 00 05  
E-mail : [bibuwm@uwm.edu.pl](mailto:bibuwm@uwm.edu.pl)
5. Mrs. Danuta Konieczna
6. Mrs. Danuta Konieczna

#### **b) Population served**

7. 41 147
8. 25 379
9. 13 615
10. 3 007

#### **c) Conditions of the library (before the new project)**

11. 7 666 m<sup>2</sup>
12. 481
13. 889 228 volumes
14. 17 500 volumes (estimate)
15. 850 000 volumes (estimate)
16. 126
17. 47 hours/week and 280 days/year

### **B The new building: aims and features**

#### **a) Architect(s)**

18. The Architect Team of the Faculty of Technical Sciences of the University of Warmia and Mazury in Olsztyn
19. Walerian Wierzchowski, Magdalena Rafalska
20. New building

**b) Aims of the new building**

21. The main aim of the new building was to create a comfortable, friendly and interesting space for students and staff. The following solutions were planned:

- more holdings in open stacks
- more reader seats and computer workstations
- open access to the audiovisual materials and introduce audiovisual facilities
- create seminar rooms, individual and group study rooms
- development of the library services by connecting 8 faculty libraries (situated earlier on the campus) with the Main Library
- extension of the opening hours
- more comfortable working conditions for staff.

**c) Special Features**

22. The library is located in the centre of the university campus (in Kortowo – the district of Olsztyn). Adjacent to public transportation – about 15 minutes from the centre by bus.

23. The plan of the building is irregular. It consists of 3 segments. Each of them has different levels; there are three glass domes on the roof of each of the segment (pyramide-shape dome, cone-shaped dome and small cupola). The structure of the building – board-column system with reinforced concrete wall and YTONG technology. Columns of the modular grid a 6 x 6. Disabled access. A car parking space under one of the segment (2 473 m<sup>2</sup>).

**C Technical information about the new building****a) Floor area (in m<sup>2</sup>)**

24. 19 423 m<sup>2</sup>

25. 5 382 m<sup>2</sup>: open acces collections – 4 287 m<sup>2</sup>

- current periodical reading room – 302 m<sup>2</sup>
- circulation desks – 168 m<sup>2</sup>
- information with general reading room – 465 m<sup>2</sup>
- patent and standard collection – 160 m<sup>2</sup>

26. 5 booths with audiovisual facilities (30 m<sup>2</sup>)

27. 240 PCs for users (including special computer room – 60 PCs workstations, 189 m<sup>2</sup>)
28. 928 m<sup>2</sup> : old books, maps, microfilms, AV – 537 m<sup>2</sup>
  - patents and standards – 160 m<sup>2</sup>
  - Special collection for EU documents – 231 m<sup>2</sup>
29. 520 m<sup>2</sup> : 3 seminar rooms for 102 seats, with audio equipment and multimedia projectors
  - 1 training room with PCs workstations for 20 users
  - 2 group study rooms (67 m<sup>2</sup>)
  - 8 carrels (51 m<sup>2</sup>)
30. 407 m<sup>2</sup>
31. 527 m<sup>2</sup> (300-350 seats, audio and video equipment, beamers)
32. Cafeteria, café – 190 m<sup>2</sup>
33. Administration segment – 2 391 m<sup>2</sup>
34. 1 738 m<sup>2</sup>
35. 5 400 m<sup>2</sup> (estimate)
36. 3 segments:
  1. segment for users – 5 levels
  2. segment for users (didactic) – 3 levels
  3. segment for staff and administration – 4 levels
37. 874 seats + 350 seats in the lecture hall
38. 5 audiovisual booths
39. 240 PCs
40. 4 seminar rooms
41. 488 seats

**b) Total potential capacity of shelving**

42. 1 500 000 vol.
43. 6 000 linear metres
44. 20 000 linear metres
45. 18 000 linear metres
46. separate room
47. 400 linear metres - patent and standard collection
48. 135 (estimate)

**c) Mechanical features**

49. Natural ventilation and air conditioning

50. Heating included in the air conditioning; central heating system in some parts of the building
51. Natural light comes through the domes in the roof and windows. Desk lamps on user seats.
52. Acoustic absorbent plaster on the walls in one seminar room (52 seats) and in the lecture hall.
53. 4 staircases (one for staff only), 2 public lifts, 1 lift for staff only.
54. 2 lifts for books; 170 book trucks
55. 3M detection system; 3 security gates
56. Intelligent building management system (BMS). 67 camera monitoring by security staff
57. Capacity for IT and power connections to all desks. CAT 5 cabling, running at 100 MB/S
58. -

## **D Schedule of the building process**

59. December 1999
60. -
61. 2000 - 2001
62. November 2001
63. 2001 - 2007
64. Furnishing – 8 months ; Moving the collections – 4 months
65. 15 October 2007

## **E Costs**

66. -
67. 13 090 000 € (estimate)
68. 3 580 000 € (estimate)
69. -
70. 16 670 000 € (estimate)



Facade (Janusz Pajak)

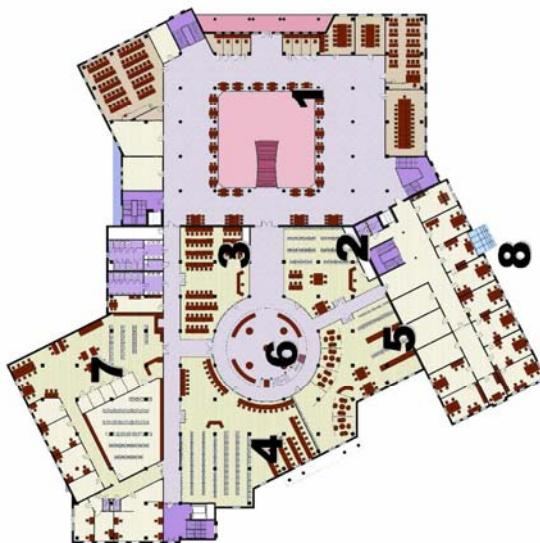


Reading room(J.Pajak)



Computer zone(J.Pajak)

1. Space „Under the pyramid-shaped dome”
2. Standard and Patent Information Center
3. Computer room
4. Information division with the general reading room
5. Reading room for current periodicals
6. Space „Under cone-shaped dome”
7. Special collection area with 5 booths with audiovisual facilities
8. Area for library staff



**Library of the University of Warmia and Mazury in Olsztyn**  
LEVEL III -First Floor

## Pardubice, University Library. Czech Republic

### A General information

#### a) Name and address

1. University Library
2. University Library of the University of Pardubice
3. Studentská 519, 53210 Pardubice, Czech Republic
4. Phone : +420 466 036 546  
Fax : + 420 466 036 538  
E-mail : knihovna@upce.cz
5. Iva Procházková
6. Iva Procházková (iva.prochaskova@upce.cz)

#### b) Population served

7. 7 315
8. 6 688
9. 2 016
10. 474

#### c) Conditions of the library (before the new project)

Library was situated in the old building at the Faculty of chemical technology. There was impossible to arrange large open access storage. Reading hall with an inadequate number of reader seats.

11. 970 m<sup>2</sup>
12. 70
13. 135 000 volumes
14. 5 000 volumes
15. 90 000 volumes
16. 11
17. 48 hours p week

### B The new building: aims and features

#### a) Architect(s)

18. Východočeská stavební, s. r. o. Solnice, Czech Republic
19. Ing. arch. Jan Třeštík, Pardubice, Czech Republic
20. New building

**b) Aims of the new building**

21. The primary aim of the project was to arrange an adequate study space for about 3 000 students (in 1995) at the new regional university created in 1994. Above all it meant to arrange large open access storage, a sufficient number of reader seats and, to install modern information technology. Besides, the project involved to build up seminar rooms and computer rooms for information literacy training and intended to improve working condition for staff.

**c) Special Features**

22. The library is located in the university campus, adjacent to public transportation
23. The building is rectangular, peripheral walls are partly bricked up and faced and partly made up of glass panels. The structure is supported by pre-cast concrete columns. The ground floor is open with the first floor.

**C Technical information about the new building****a) Floor area (in m<sup>2</sup>)**

24. 2 808 m<sup>2</sup>, divided into three floors
25. 494 m<sup>2</sup>
26. 5 m<sup>2</sup>
27. 5 m<sup>2</sup>
28. N/A
29. 30 m<sup>2</sup>
30. 0 m<sup>2</sup>
31. – 32. N/A
33. 258 m<sup>2</sup>
34. 756 m<sup>2</sup>
35. 100 m<sup>2</sup>
36. Three floors (two public floors)
37. 246
38. 2
39. 40 and wi-fi in the public access area
40. 1
41. 20

**b) Total potential capacity of shelving**

- 42. 250 000 volumes
- 43. 100 000 volumes
- 44. 150 000 volumes
- 45. – 47. N/A
- 48. 20

**c) Mechanical features**

- 49. yes/no
- 50. district heating
- 51. daylight, central artificial lighting
- 52. open space a bit noisy
- 53. yes / 54. no
- 55. – 56. yes
- 57. CAT 6, 1Gb/s

**D Schedule of the building process**

- 59. 1994
- 60. 1994
- 61. 1995
- 62. April 1, 1996
- 63. 18 months
- 64. September - November 1997
- 65. November 25, 1997

**E Costs**

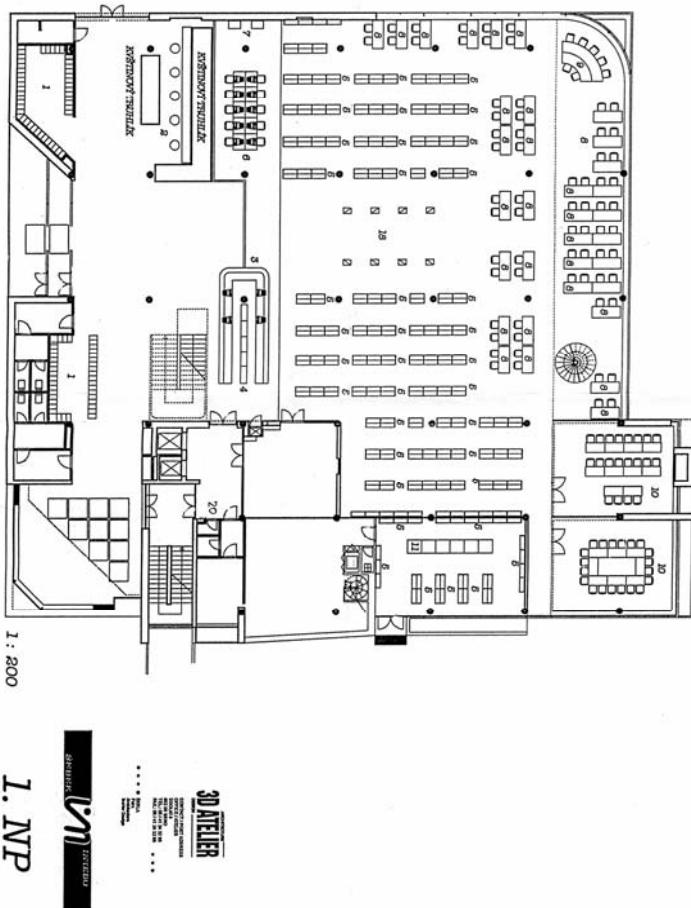
- 66. 0 (property of the University of Pardubice)
- 67. 1 700 000 €
- 68. 200 000 €
- 69. 300 000 €
- 70. 1 930 000 €

**F Publication**

Prochásková ROCHÁSKOVÁ, Iva. Nová budova Univerzitní knihovny Univerzity Pardubice. In Knihovna a architektura 2003 : knihovny bez bariér. Praha : Státní technická knihovna, 2003. Pages 65-69.



Reading room



## UNIVERZITNÍ KNIHOVNA PARDUBICE

Ground Floor

## Paris, Bibliothèque Sainte-Barbe. France

### A Information générale

#### a) Nom et adresse

1. Bibliothèque universitaire
2. Bibliothèque Sainte-Barbe
3. 4 rue Valette, 75005 Paris, France
4. Tel : +33.1.53.46.15.77  
Fax : +33.1.53.46.15.90  
E-mail : [isabelle.boudet@univ-paris3.fr](mailto:isabelle.boudet@univ-paris3.fr)
5. Mme Isabelle Boudet
6. Mme Isabelle Boudet (directrice), Mme Sophie Mazens (directrice-adjointe), M. François Michaud (directeur-adjoint)

#### b) Population desservie

7. – 9. Environ 57 000 étudiants des cycles L et de M1 des Universités Paris 1, Paris 2, Paris 3 et Paris-Sorbonne
10. Environ 3 000 enseignants et enseignants-chercheurs

#### c) Situation de la bibliothèque (avant le nouveau projet)

11. – 17. n.a.

### B Le nouveau bâtiment: buts et caractéristiques

#### a) Architecte(s):

18. Agence Antoine Stinco
19. Chef de projet: M. Claude Reinert
20. Aménagement

#### b) Buts du nouveau bâtiment

21. Courte description des principaux objectifs du projet:  
La bibliothèque Sainte-Barbe apportera aux étudiants du Quartier latin 1 000 nouvelles places de travail et des collections entièrement en libre accès dans le domaine des lettres et des arts, de la philosophie, des sciences humaines et sociales, du droit et des sciences politiques, des sciences économiques et de gestion.

D'importantes ressources informatiques faciliteront l'accès et l'usage de la documentation électronique.

### c) Caractéristiques

22. Dans le quartier de Paris où se situe le cœur de l'activité universitaire, sur la Montagne Sainte-Geneviève.
23. L'ancien collège Sainte-Barbe fait l'objet d'une réhabilitation complète. Les deux bâtiments principaux actuels ont été construits par l'architecte Lheureux en 1881. Un bâtiment de liaison, construit par Lionel et Brandon, date de 1936. De nombreux éléments du site sont inscrits au Supplément à l'Inventaire des monuments historiques : façades, toiture, escaliers, plusieurs salles (réfectoire, préau, salle de dessin, amphithéâtre) et certains mobiliers (tables du réfectoire, pupitres de l'amphithéâtre). Le respect de ces éléments a été l'un des enjeux majeurs de la transformation des espaces en salles de lecture. Une autre contrainte forte a été la nécessité de renforcer la capacité de charge de bâtiments qui avaient à l'origine l'enseignement pour destination. Sur le quatrième côté du site, un gymnase et deux pavillons datant des années 1970 ont été détruits et remplacés par une rangée d'arbres aux longues tiges et une treille de plantes grimpantes. La cour centrale est profondément remaniée : un étage de magasins est créé en-dessous, destiné aux bibliothèques mitoyennes Sainte Geneviève et Cujas ; un talus en pente est aménagé le long des deux ailes de Lheureux, au surplomb des cours anglaises qui sont élargies pour mieux éclairer les espaces de lecture du rez de-chaussée bas. La cour est plantée d'herbe pour une large part et ornée d'arbustes en pots sur un revêtement de bois.

## C Informations techniques sur le nouveau bâtiment

### a) La surface (en m<sup>2</sup>)

24. 9 200 m<sup>2</sup>
25. 6 300 m<sup>2</sup>
26. – 30. n.a.
31. 150 m<sup>2</sup>
32. n.a.
33. 1 300 m<sup>2</sup>
34. 750 m<sup>2</sup>
35. 800 m<sup>2</sup>
36. 6 niveaux, dont 5 niveaux publics

- 37. 1 000
- 38. n.a.
- 39. 192 places équipées d'ordinateurs et 30 bornes de consultation debout
- 40. n.a.
- 41. 1 000, dont 732 équipées d'une prise électrique et 50 places de travail en groupe

**b) Capacité potentielle totale de stockage**

- 42. 12 500 mètres linéaires
- 43. 6 500 mètres linéaires
- 44. 6 000 mètres linéaires
- 45. 6 000 mètres linéaires
- 46. – 47. n.a.
- 48. 60

**c) Caractéristiques techniques**

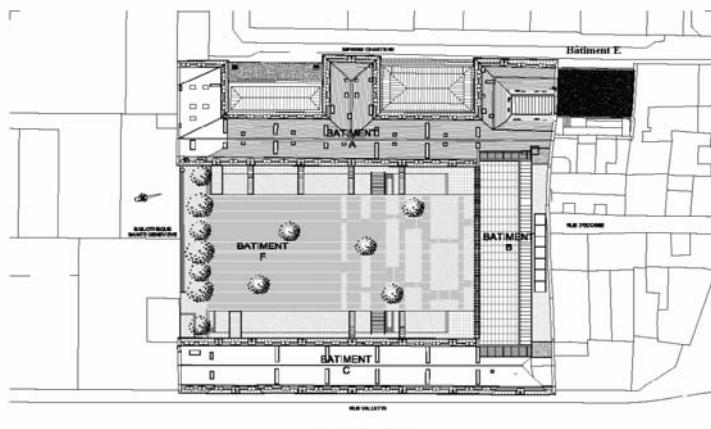
- 49. Système double flux, basse pression (5 centrales de traitement d'air) ; climatisation des magasins
- 50. Compagnie parisienne de chauffage urbain (CPCU) : 2 échangeurs vapeur.
- 51. Eclairage: dans les salles de lecture, luminaires de faux plafonds d'éclairage direct à lampes fluocompactes et appliques d'éclairage indirect + lampes individuelles sur les tables.
- 52. Traitement acoustique : faux-plafonds perforés pour la moitié des salles de lecture ; pour l'autre moitié, dalles de laine de roche avec des billes de verre.
- 53. 6 ascenseurs, 2 monte-charge et une plate-forme pour les personnes à mobilité réduite.
- 54. non
- 55. Portiques de détection antivol avec antennes RFID
- 56. n.a.
- 57. Pré-câblage de catégorie 6 : réseau RAP à 2 Mbits par seconde
- 58. Système de sécurité incendie de catégorie A; système anti-intrusion.

## D Échéancier de réalisation

- 59. automne 2001
- 60. printemps 2002
- 61. septembre 2002 – avril 2005
- 62. octobre 2006
- 63. 24 mois
- 64. à partir de février 2008
- 65. septembre 2008

## E Coûts

- 66. n.a.
- 67. 24 000 000 €
- 68. 3 000 000 €
- 69. 2 500 000 €
- 70. 29 500 000 €



Plan général du site

© Antoine Stinco

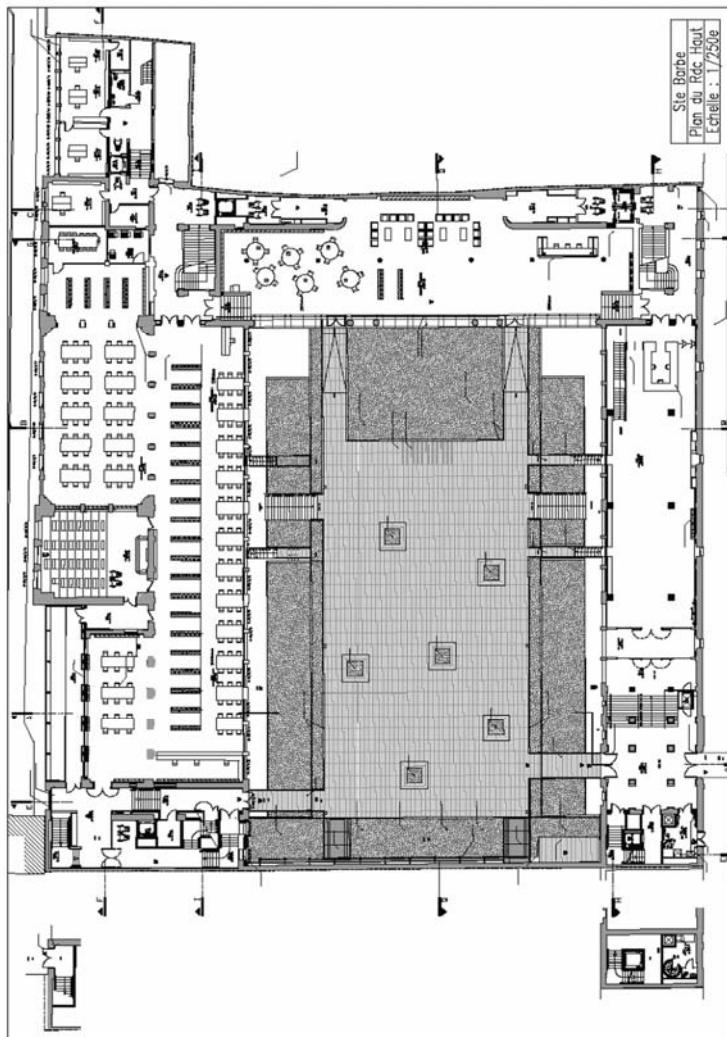
Site plan



Sainte-Barbe Esquisse Cour (Architecte)



Sainte-Barbe Salle Dessin



Plan du rez-de-chaussee

## **Poole, The Sir Michael Cobham Library - Bournemouth University. United Kingdom**

### **A General information**

#### **a) Name and address**

1. University Library
2. The Sir Michael Cobham Library, Bournemouth University
3. Talbot Campus, Fern Barrow, Poole, Dorset, BH12 5BB, UK
4. Phone : +44 (0)1202 965044  
Fax : +44 (0)1202 965475  
E-mail : dball@bournemouth.ac.uk
5. David Ball
6. David Ball

#### **b) Population served**

7. 19 227
8. 12 085
9. 5 115
10. 1 392

#### **c) Conditions of the library (before the new project)**

11. 4 032 m<sup>2</sup> in 2 libraries
12. 897
13. 202 745 total number of books, pamphlets, periodical volumes including special collections
14. 202 745
15. 0
16. 59,9
17. 71 hours per week for 335 days

### **B The new building: aims and features**

#### **a) Architect(s)**

18. Saunders Architects
19. Bill Moisan
20. Extension / Renovation

**b) Aims of the new building**

21. To provide an iconic learning space epitomising the aspirations of the University's corporate vision: "youthful and innovative ... high quality ... student-centred learning"

- to offer safe, equal and autonomous access for all, with sensitive support for those with special needs
- to conform to the University's energy-saving environmental policy
- to be flexible and responsive to the current and future demands of a growing and diversifying academic community with an intensifying focus on research
- to offer a coherent integrated spectrum of services previously spread across the campus in two libraries and various offices
- to meet tight constraints in terms of planning and covenants (e.g. not exceeding five storeys) and budget (£5.3m)
- to increase readers' seats in configurations supporting different learning styles, with flexible computer access and wireless technology
- to extend the opening hours through self service

**c) Special Features**

22. location of the library in a landmark position in the centre of the campus

23. octagonal plan

- a new five-storey octagon linked along one face to an existing building; the latter comprises two inter-linking two-storey octagons, built in the 1980s and fully refurbished as part of the project
- built around a central service core
- free span construction with no obtrusive pillars allowing for most efficient use of floor area
- angled windows to minimise solar gain
- disabled access with a lift, designated for priority use by those with special needs
- materials selected to reduce maintenance costs, etc.

- old refurbished building has a large area for social computing/study, space dedicated to postgraduate students and learning support, a law library, a language/computer laboratory
- entrance leading to strategically placed help points, designed to be welcoming and accessible, and on into the new build tower housing the main bookstock
- natural zoning of activities, with areas for quiet study, learning support, online research and use of special collections, postgraduate and group activities, and individual computing
- transactions on the ground and 1st floors with social learning space and increasingly silent study on the 2nd to 4th floors, where the seating layout is conducive to silent study
- full wireless network and “blue sockets”, for safe connection of non-wireless laptops to the University network, allow daily use of a large number of computers without restricting study space through fixed desk-top machines
- a special collections room profiles our broadcast media and conservation sciences resources
- signage using accessible font providing clear, minimal but effective guidance

## C Technical information about the new building

### a) Floor area (in m<sup>2</sup>)

24. 5 523 m<sup>2</sup>
25. 3 027,96 m<sup>2</sup>
26. 60,65 m<sup>2</sup>
27. N/A
28. 75,07 m<sup>2</sup>
29. 8 rooms totalling 214,2 m<sup>2</sup>
30. N/A
31. N/A
32. 33 m<sup>2</sup>
33. 1 041,44 m<sup>2</sup>
34. N/A
35. 1 070,68 m<sup>2</sup>
36. 5 floors new build, 2 floors refurbishment

- 37. 985
- 38. 29
- 39. 257
- 40. 129
- 41. 570

**b) Total potential capacity of shelving**

- 42. 193 895
- 43. 4 500 linear metres with 183 738 books and 1 115 periodical titles
- 44. – 45. N/A
- 46. 9 042
- 47. N/A
- 48. 54,34

**c) Mechanical features**

- 49. In the new build section, a displacement ventilation system with full air-conditioning confined to specific areas, night cooling of the structure, additional air handling as required and a targeted heat curtain across the automatic entrance doors.
- 50. 3 Hamworthy Purewell natural gas fired atmospheric cast iron boilers at 105 kW each. These have an optimiser and weather compensation control and all adjustments are made with the BMS. The building is heated on the ground and first floors via fan coil units and a fresh air heat recovery unit located in the plant room. 2nd, 3rd and 4th floors are heated via radiators located around the perimeter of the building and is naturally ventilated to maintain an average temperature of 22°C
- 51. In the new build section internal lighting is fluorescent and controlled by a programmable lighting control system (ECS system) with the exception of lighting to utility and plant rooms. External lighting is controlled by a combination of time lock and photocell.
- 52. In the new build section acoustics were designed to minimise noise from the different activities.
- 53. one lift
- 54. none
- 55. 3M detection system and tattle tape
- 56. Talis
- 57. Cat 5e (1000mbps) UTP Cabling system to 359 outlets. Capacity - there is a 1 GB/s link to the building, 100 MB/s to each desktop, and the wireless link is 11 MB/s.

58. none

## D Schedule of the building process

59. 2000

60. N/A

61. Jan-March 2001

62. June 2001

63. 14 months for new build section plus an additional 4 months for the refurbishment.

64. August 2002(new build)

65. January 2003 (complete project)

## E Costs

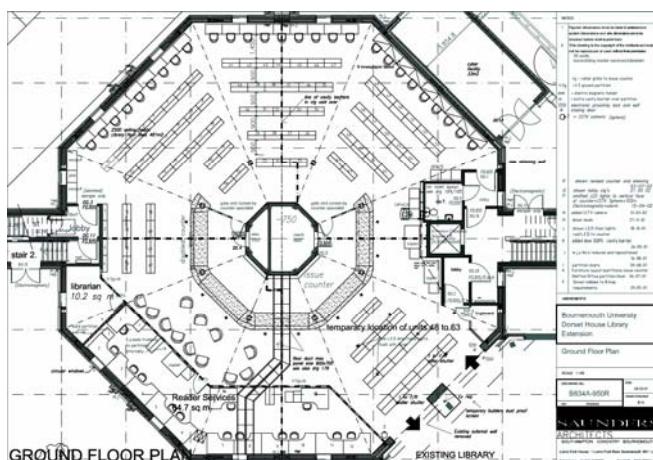
66. 0

67. £ 4 125 987 GBP

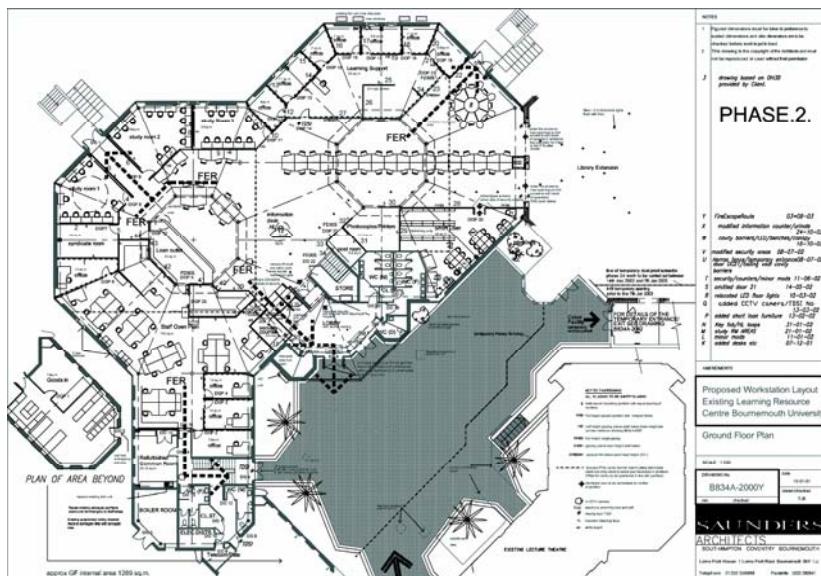
68. £ 645 239 GBP

69. £ 528 774 GBP

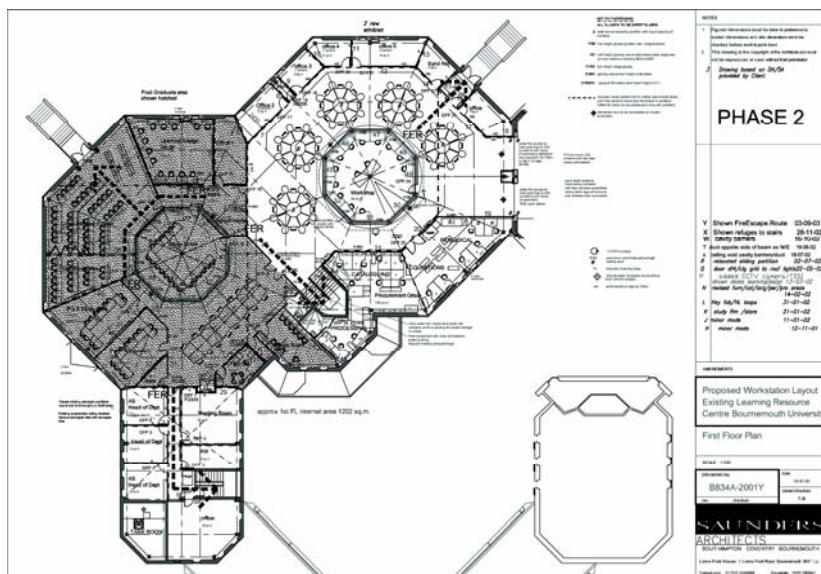
70. £ 5 300 000 GBP



Ground floor before extension and renovation (Architects)



### Ground floor after extension and renovation (Architects)



### First floor after extension and renovation

## Reims, Bibliothèque Robert de Sorbon. France

### A Information générale

#### a) Nom et adresse

1. Bibliothèque universitaire
2. Bibliothèque Robert de Sorbon
3. Service commun de la Documentation de l'Université de Reims Champagne-Ardenne  
Campus Croix-Rouge  
Avenue François Mauriac  
51095 Reims, France
4. Tel : (+33) 3.26.91.34.97  
Fax : (+33) 3.26.91.39.30  
E-mail : [carine.elbekri@univ-reims.fr](mailto:carine.elbekri@univ-reims.fr)
5. Mme Carine Elbekri-Dinoird
6. Mme Carine Elbekri-Dinoird

#### b) Population desservie

8 000 étudiants ; 1 000 enseignants, chercheurs et personnels IATOSS et  
500 lecteurs autorisés

7. 8 351 (chiffres 2006)
8. 8 600
9. -
10. 600 environ

#### c) Situation de la bibliothèque (avant le nouveau projet)

11. 6 500 m<sup>2</sup>
12. 450
13. 8 500 mètres linéaires
14. 2 800 mètres linéaires
15. 5 700 mètres linéaires
16. 42
17. 60 heures

### B Le nouveau bâtiment: buts et caractéristiques

#### a) Architecte(s)

18. Atelier d'architectes CHABANNE (Lyon) et BLP (Reims)

19. Frédéric Blerot, puis Francis Lecompte
20. Construction

**b) Buts du nouveau bâtiment**

21. Reconstruction d'un bâtiment hors d'usage, mettre le bâtiment au cœur du campus, adapté aux nouvelles technologies de l'information et augmenter sensiblement les surfaces pour les collections et le public. Bâtiment HQE (Haute Qualité Environnementale)

**c) Caractéristiques HQE**

(Haute Qualité Environnementale)

22. Au cœur du campus universitaire, localisation de la bibliothèque sur le campus, proche des transports publics
23. panneaux préfabriqués en béton
  - façades très vitrées
  - accès pour handicapés

**C Informations techniques sur le nouveau bâtiment****a) Indiquer la surface (en m<sup>2</sup>)**

24. 9 876 m<sup>2</sup>
25. 5 845 m<sup>2</sup>
26. espaces de consultation répartis dans les alvéoles du bâtiment, 10 places (4 vidéos et 6 audios)
27. 183 postes publics (dont 90 clients légers)
28. -
29. 1 salle de formation (35 places) et 6 salles de travail en groupe, 2 salles de travaux pratiques, 1 salle pour les enseignants
30. Espace d'exposition (70 m<sup>2</sup>) donnant sur le hall d'accueil
31. Non
32. Non
33. 467 m<sup>2</sup>
34. 1 763 m<sup>2</sup>
35. 1 801 m<sup>2</sup>
36. 4 niveaux, dont 2 niveaux de services publics, 3 niveaux de services internes et 2 niveaux de magasins
37. 1 000
38. 13
39. 183 + bornes wifi (WLAN)

40. 1 salle de réunion (65 places), 6 salles de travail en groupe (31 places) et 1 salle pour les déficients visuels

41. -

**b) Capacité potentielle totale de stockage**

42. 170 000 volumes + 1 000 titres de périodiques

43. 170 000 volumes + 1 000 titres de périodiques

44. 9 000 mètres linéaires

45. 0

46. 3 000 documents

47. cartes, microformes

48. 48,7

**c) Caractéristiques techniques**

49. Cible prioritaire du projet Haute Qualité Environnementale (Label HQE), pas de climatisation sauf pour les espaces techniques, les serveurs informatique et la reprographie

50. Cible prioritaire du projet Haute Qualité Environnementale (Label HQE), chauffage urbain

51. Larges verrières, éclairage électrique avec variateur d'intensité. Cible prioritaire du projet Haute Qualité Environnementale (Label HQE)

52. Cible prioritaire du projet Haute Qualité Environnementale (Label HQE)

53. 2 ascenseurs 1 000 kg

54. Non

55. – 56. Oui

57. – 58. n.a.

**D Échéancier de réalisation**

59. fin 1999 – juin 2000

60. septembre 2000 – juin 2002

61. juin 2002 – janvier 2004

62. mai 2004

63. 24 mois

64. mai – juillet 2006

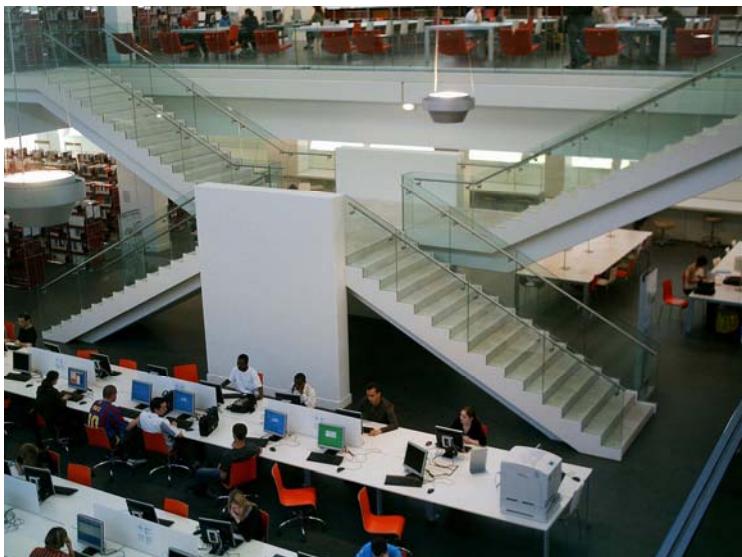
65. 11 septembre 2006

## E Coûts

- 66. 0
- 67. 19 000 000 €
- 68. 3 000 000 €
- 69. -
- 70. 22 000 000 €



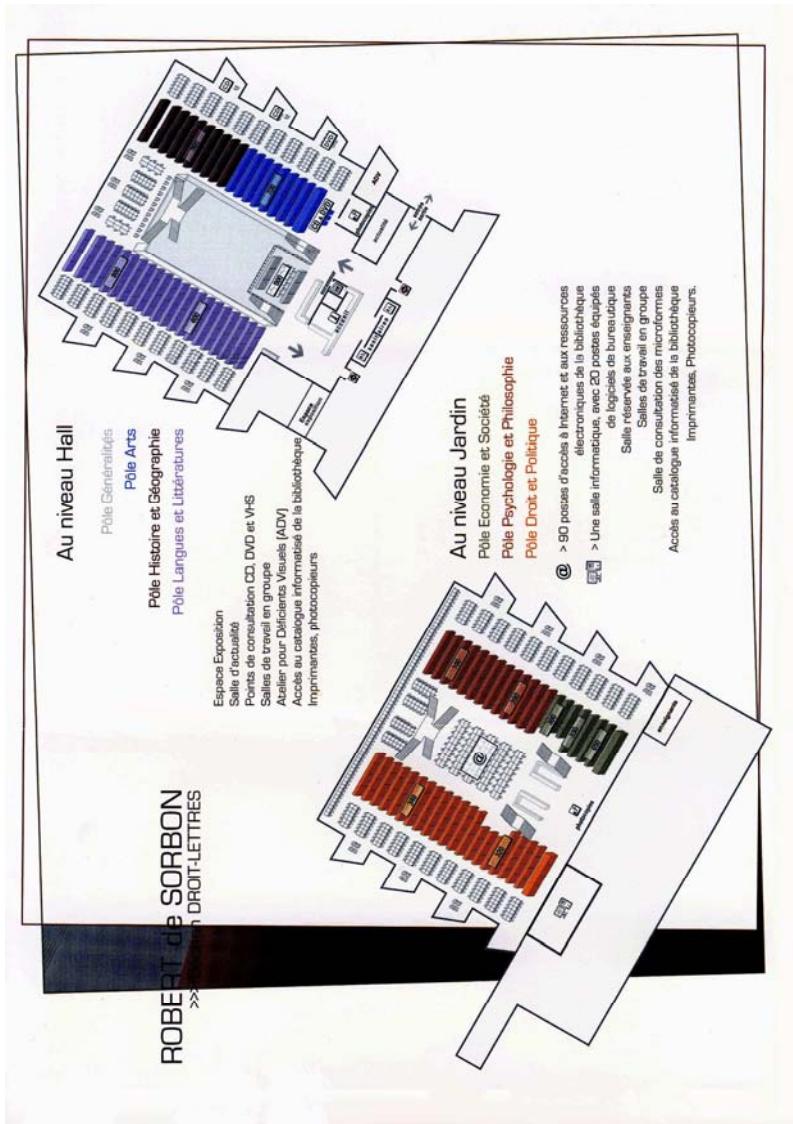
Façade arrière de la bibliothèque universitaire  
(Photo: Marie-Françoise Bisbrouck)



Escalier public (Photo: M.-F. Bisbrouck)



Postes d'accès à Internet et ressources électroniques (Photo: M.-F. Bisbrouck)



**Southampton, Hartley Library - University of Southampton. United Kingdom****A General information****a) Name and address**

1. University Library
2. Hartley Library
3. Hartley Library, University of Southampton, Southampton SO17 1BJ United Kingdom
4. Phone : 44-(0) 23 8059 2677  
Fax : 44-(0) 23 8059 5451  
E-mail : [mlb@soton.ac.uk](mailto:mlb@soton.ac.uk)
5. Dr Mark Brown
6. Mr. Richard Wake, Deputy Librarian

**b) Population served**

7. 23 785
8. 19 089 (FTE) inclusive part-time students
9. N/A
10. 4 295

**c) Conditions of the library (before the new project)**

11. 10 243 m<sup>2</sup>
12. 1 207 in main library, 12 in archives
13. 483 135 linear metres of books and periodicals  
4 792 linear metres in archives
14. all except archives
15. 184 m<sup>2</sup> in archives
16. 87
17. 78 hours per week in University Term (33 weeks)

**B The new building: aims and features****a) Architect(s)**

18. Wilson Mason
19. Mr. Stephen Cox
20. New building / Extension / Renovation

**b) Aims of the new building**

21. Modernise the overall environment, including social learning space and more logical sequencing and rational service delivery

- Provide higher quality and more flexible seating and group study space with increased IT provision
- Reorganise stock within the Library to provide for stock expansion, increased e-provision, and the recovery of space in the medium term
- Increase the holding capacity of the archives to allow for 20 years of accessions and improve the reader environment for special collections and archives
- Zone naturally the reading areas to make areas more attractive for longer-stay users and researchers
- Creation of high quality exhibition gallery for archive exhibitions and adjacent display and exhibition space
- Improve access for users with disabilities
- Provide dedicated areas for music, film and microforms
- Increase the number of small group IT teaching rooms
- Configure the entrance and reception areas to facilitate longer opening hours
- Provide increased space for Library Digitisation Unit

**c) Special Features**

22. Central site at the heart of the University in the newly-landscaped Library Square

23. Creation of a single integrated environment from the existing buildings dating from 1914, 1935 and 1983 and the modern extension. Extensive refurbishment of almost the whole building within the existing fabric.

- Externally the building elevations are a mixture of brickwork, steel-framing, curtain walling, general glazing and rendered walls.
- Thermodeck natural ventilation system as a component of energy-saving strategy.
- Light sensitive lighting around the perimeter for energy-saving.
- Successful balance between conflicting requirements of introducing light into a comparatively deep building and keeping glazing to a minimum to facilitate ventilation system.

- Installation of disabled lift and ramps.

## C Technical information about the new building

### a) Floor area (in m<sup>2</sup>)

24. 14 732 m<sup>2</sup>, of which 4 100 m<sup>2</sup> is a new build, and around 8 859 m<sup>2</sup> refurbishment. The figures below refer to the whole building which consists of new build, refurbished areas and existing areas not refurbished in this project.
25. 8 448 m<sup>2</sup> (includes 13 group study rooms)
26. music and film study room 123 m<sup>2</sup>
27. student workstation rooms: 228 m<sup>2</sup>; IT training rooms: 202 m<sup>2</sup>; Assistive technology suite: 140 m<sup>2</sup>  
network and/or wireless connections to study places throughout
28. includes strongrooms, conservation, reading room, seminar room, specialist facilities and printed special collections : 1 175 m<sup>2</sup>
29. includes seminar room for the Centre for Excellence in Teaching and Learning: 118 m<sup>2</sup>
30. Special Collections Exhibitions: 54 m<sup>2</sup>. Exhibitions are also mounted on the walls of the wide corridor leading to Special Collections.
31. none
32. Latte's Cafeteria : 122 m<sup>2</sup>
33. 1 458 m<sup>2</sup>
34. none outside Special Collections
35. 2 666 m<sup>2</sup>
36. The Library is arranged on five floors. The public are admitted to all parts of the building.
37. 1 493
38. 16
39. 296, but each study place has potential access for laptop use
40. see 41.
41. 1 181

### b) Total potential capacity of shelving

42. 33 493 linear metres
43. 24 882 linear metres
44. none outside Special Collections

- 45. 8 611 linear metres
- 46. included in 43. above
- 47. Archives: 7 101 linear metres
- 48. 105

### **c) Mechanical features**

- 49. N/A
- 50. Thermodeck heating and natural ventilation system in new part of the building
- 51. N/A
- 52. N/A
- 53. fire proof lift
- 54. none
- 55. 3M
- 56. N/A
- 57. – 58. N/A

## **D Schedule of the building process**

- 59. – 64. The project consisted in a number of linked subprojects. Initial planning began in 2002, with contractors on site from June 2003. The linked projects for Levels 1, 3 and 4 continued through 2003-4, with Level 2 scheduled during 2004 completing just before the official opening of the Library in November 2004. As the Library was not closed at any time, there were interruptions in the work between the phases and to minimise disruption during examination periods. There was then a second main phase for Level 5 beginning in April 2006 and completing in September 2007.
- 65. Official opening of extension and refurbishment of Levels 1-4 on 24 November 2004. Level 5 extension completed in early October 2007.

## **E Costs**

- 66. None. The University owns the site.
- 67. £ 10 225 936 (including VAT)
- 68. £ 812 772 (including VAT)
- 69. £ 1 883 088 (including VAT)
- 70. £ 12 921 796 (including VAT)

## F Publications

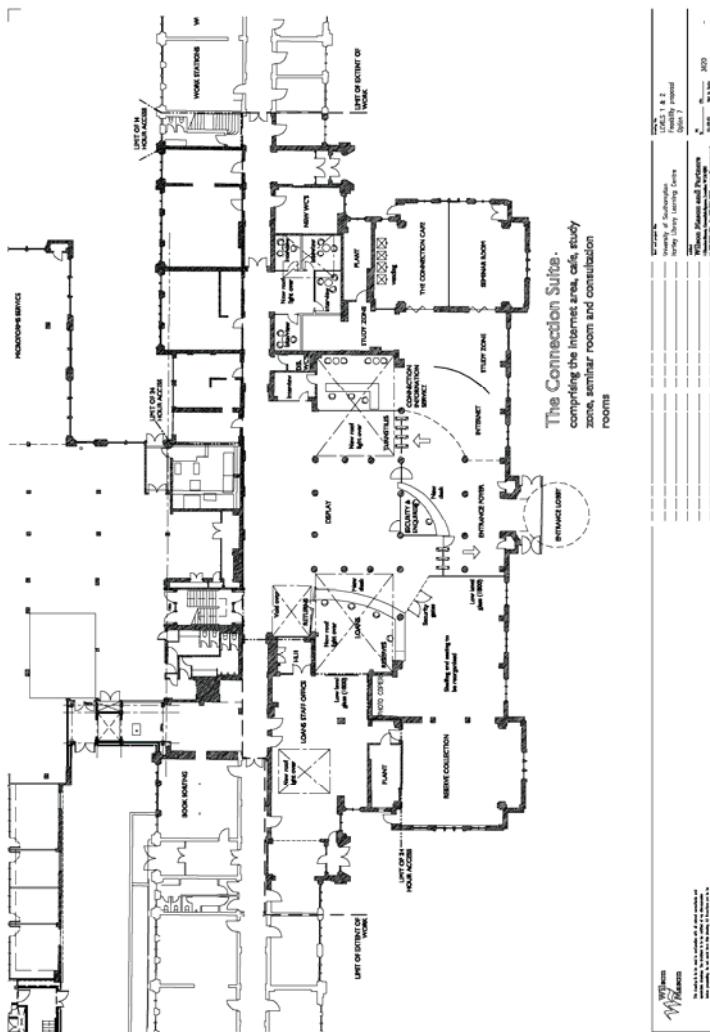
Wake R.L. : Update on new library buildings: Southampton University Library, Sconul Newsletter 30, Winter 2003, pp8-10

<http://www.sconul.ac.uk/publications/newsletter/30/4.PDF>

Brown M.L. and Wake R.L. : From accretion to integration - renewing the Hartley Library 2002-2007 (In Dewe M.: *Renewing our libraries: case studies in re-planning and refurbishment*). Ashgate Publishing Ltd., [due to appear 2008]



Level 2 Foyer (Foto: Steve Shrimpton)



## Level 2 ▪ Entrance (Architects: Wilson Mason)

## **Tallinn, Estonian Academy of Music and Theatre Library. Estonia**

### **A General information**

#### **a) Name and address**

1. University Library
2. Estonian Academy of Music and Theatre Library
3. Rävala pst 16, 10143 Tallinn, Estonia
4. Phone : +372 6675 751  
Fax : +372 6675 800  
E-mail : [rmtk@ema.edu.ee](mailto:rmtk@ema.edu.ee); <http://www.ema.edu.ee>
5. Ilvi Rauna
6. Kadri Steinbach

#### **b) Population served**

7. 2 658
8. 673
9. 0
10. Staff professors and teachers: 124  
Researchers: 7; Administrators: 93

#### **c) Conditions of the library (before the new project)**

11. 490 m<sup>2</sup>
12. 26
13. 4 450 linear metres of books and periodicals
14. 42 linear metres
15. 4 408 linear metres
16. 13
17. 40 hours per week, 253 days per year

### **B The new building: aims and features**

#### **a) Architect(s)**

18. AS Eesti Projekt
19. Kalju Luts, Kalvi Voolaid, Urmas Elmik
20. New building

**b) Aims of the new building**

21. more holdings in open stacks
  - more readers seats
  - development of the library in the field of research
  - computer and audiovisual materials
  - development of training for non-student readers
  - extension of the opening hours to the public

**c) Special Features**

22. Location of the library in the centre of city, in the main building of the academy, adjacent to public transportation.
23. The building has three wings, the front façade is designed as a piano keyboard; different kind of windows; disabled access.

**C Technical information about the new building****a) Floor area (in m<sup>2</sup>)**

24. 935 m<sup>2</sup>
25. 749 m<sup>2</sup>
26. special room for audiovisuals 52 m<sup>2</sup>, plus 17 audio working stations on the territory of the library
27. Computer class 52 m<sup>2</sup>
28. Library archives 40 m<sup>2</sup>
29. N/A
30. Library lobby 137 m<sup>2</sup>
31. N/A
32. no (near the library there are a public refreshments)
33. 146 m<sup>2</sup>
34. 40 m<sup>2</sup>
35. 749 m<sup>2</sup>
36. 2 floors
37. 61 seats
38. altogether 23 audiovisual working stations
39. 22 computers

**b) Total potential capacity of shelving**

40. – 41. N/A

- 42. 4 332 linear metres ( 215 727 items)
- 43. 4 259 linear metres
- 44. 73 linear metres
- 45. N/A
- 46. 18 360 items of audiovisual materials
- 47. N/A
- 48. 10

### **c) Mechanical features**

- 49. yes
- 50. central heating
- 51. general lighting, complemented with functional lighting
- 52. Acoustics in the building is specially designed for studying music
- 53. - 54. N/A
- 55. 3M
- 56. yes
- 57. – 58. N/A

### **D Schedule of the building process**

- 59. in 1983 the location was decided, in 1986 preparations began
- 60. 1985
- 61. It is possible to present only the winner project – Eesti Projekt
- 62. 1991
- 63. 1991-1999
- 64. summer 1999
- 65. 12 September 1999

### **E Costs**

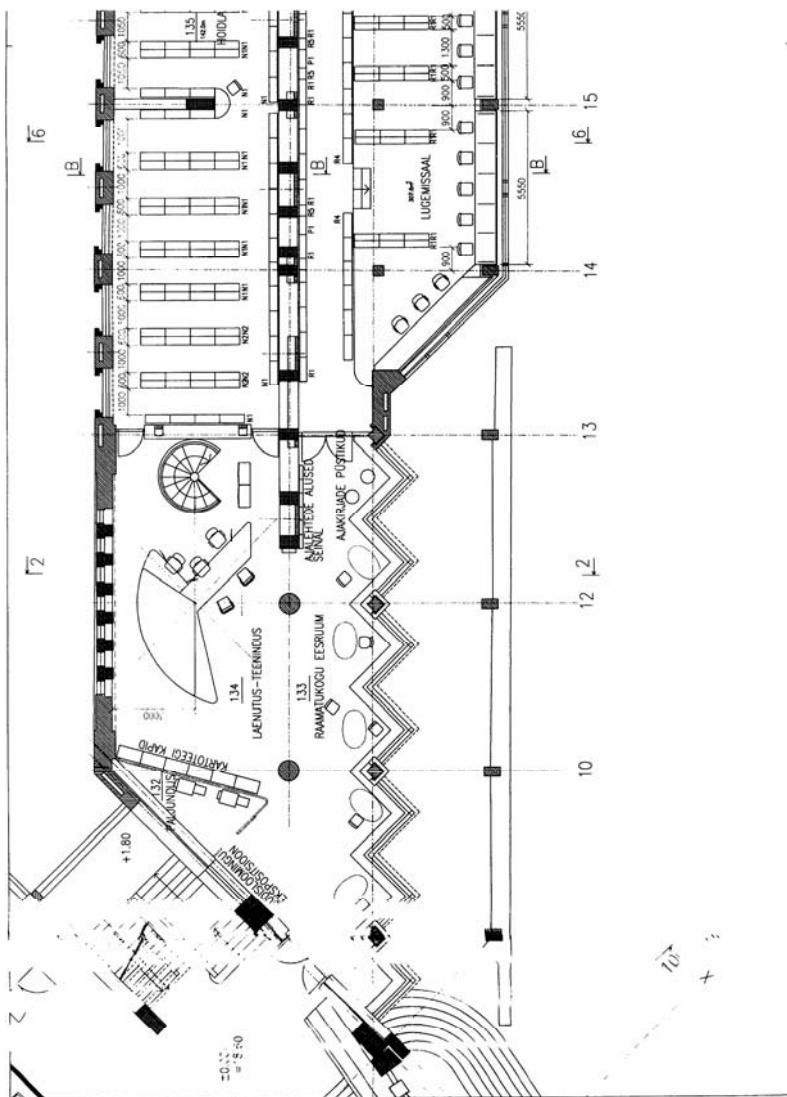
- 66. N/A
- 67. The whole building, incl. library: 7 800 000 €
- 68. all classrooms, staff rooms, electronic music studio and library:  
607 160 €



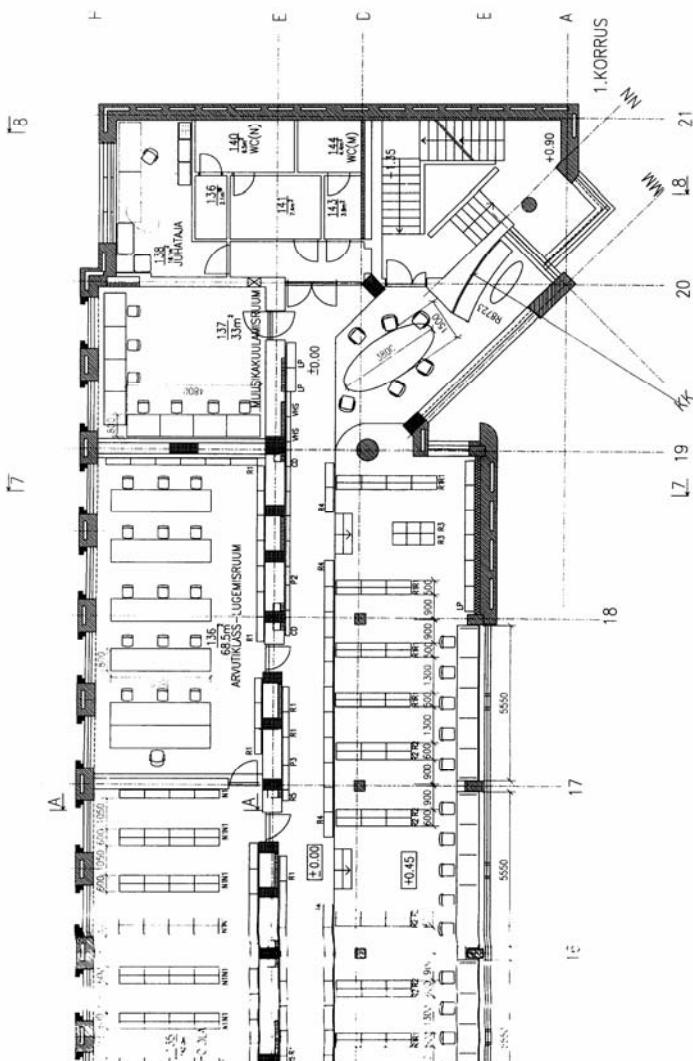
Entrance



Information desk



## Library lobby



## Library continues

## **Tilburg, Library and IT Services - Tilburg University. The Netherlands**

### **A General information**

#### **a) Name and address**

1. University Library
2. The Montesquieu Learning Centre, Library and IT Services  
Tilburg University
3. Warandelaan 2  
PO Box 90153  
5000 LE Tilburg  
The Netherlands
4. Phone : +31 13 4662146  
Fax : + 31 13 4663370  
E-mail : Library@uvt.nl
5. Hans Geleijnse
6. Hans Geleijnse

#### **b) Population served**

7. 1 600 staff – 12 500 students – 2 000 external users
8. 12 500
9. 750
10. 1 600

#### **c) Conditions of the library (before the new project)**

11. 10 000 m<sup>2</sup>
12. 960
13. appr. 650 000 in library building
14. 200 000
15. appr. 900 000
16. 120 FTE incl IT Services and Media Services
17. Mo – Fri 8:00 – 21:30; Saturday and Sunday 10:00 – 17:00.  
In total: 77,5 hours

## **B The new building: aims and features**

### **a) Architect(s)**

18. Becker (interior designer)
19. Arend van der Meer, Facility Manager
20. New building: It was the establishment of a Learning Centre in one of the new buildings of the University, the Montesquieu Building of the Faculty of Law. The Montesquieu Learning Centre or MLC is a learning environment with ICT facilities where students of Tilburg University – with or without the supervision of a lecturer – can co-operate groupwise in education assignments.

### **b) Aims of the new building**

21. The main objective of the project is to provide a state of the art environment for groupwork and for more interactive learning experiences. Although the building is mainly used by the Faculty of Law the Learning Centre – called Montesquieu Learning Centre – is accessible for all students and is also used by teaching staff of other faculties. This facility is managed by Library and IT Services.  
It provides more 250 extra reader seats with 150 PC's.  
The Montesquieu Learning Centre is open Monday to Friday from 8.00 o'clock in the morning till 23.00 o'clock in the evening.  
The Learning Centre is closed on dates on which the University is closed.

### **c) Special Features**

22. The Montesquieu Learning Centre is located on the ground floor of the Montesquieu building and consists of three “classrooms”, a room with computers with video editing software and webcams and a room specially suitable for video recording of educational situations. The larger part of the Learning Centre is an open space where students can gather and work in groups. A total of over 250 seats and 150 PC's is available.  
All university buildings, including the library, are situated on a relatively compact campus.
23. N/A

## **C Technical information about the new building**

### **a) Floor area (in m<sup>2</sup>)**

24. – 36. N/A

- 37. >250
- 38. N/A
- 39. 150
- 40. – 41. N/A

**b) Total potential capacity of shelving**

- 42.-48. N/A

**c) Mechanical features**

- 49.-58. N/A

**D Schedule of the building process**

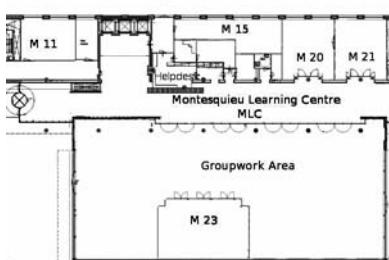
- 59.-64. N/A
- 65. 1.02.2006

**E Costs**

- 66.-70. N/A



Impressions



Ground floor

## Vilnius, Scholarly Communication Centre. Lithuania

### A General information

#### a) Name and address

1. University Library
2. Scholarly Communication Centre
3. Universiteto st. 3, Vilnius, LT-01122 Lithuania
4. Tel : +370 5 2687100  
Fax : +370 5 2687104  
E-mail : mb@mb.vu.lt
5. Director General Prof. Audronė Glosienė
6. Ms Irena Krivienė, Director for Information Services, Maintenance and Finance

#### b) Population served

7. 25 616
8. 17 037
9. 7 896
10. 2 866

#### c) Conditions of the library (before the new project)

11. 12 514 m<sup>2</sup>
12. 1 075
13. 48 995 linear metres
14. 3 154 linear metres
15. 45 841 linear metres
16. 174
17. 63 hours per week, 286 days per year

### B The new building: aims and features

#### a) Architect(s)

18. R. Palekas ARCH studio
19. Rolandas Palekas
20. New building

**b) Aims of the new building**

21. Saulėtekis Valley CSC answering the needs for studies, research, and knowledge of the academic community will be a *multifunctional* information institution, whose activities will be based on conception of four interrelated dimensions: knowledge, learning and research, information, social-communication and culture:

- more holdings in open stacks, + 310000 items
- more readers seats, + 612
- 330 computers for readers and 18 for audiovisual materials
- development of training for non-student readers
- extension of the opening hours to the public: 7/24

**c) Special Features**

22. The new VUL will be build in the business cluster Saulėtekio slėnis (Saulėtekio valley) in the territory of Saulėtekis avenue. Four faculties of Vilnius University are located there at the present, and also some departments of Vilnius Gediminas Technical University and halls of residents (dormitories) of both universities. It is planned to move some other faculties of Vilnius University, scientific institutes of Lithuania, in Saulėtekio slėnis (Saulėtekio valley) and here will be settling business enterprises in the future. The new building of VUL will be the first structure in Saulėtekis valley, eventually it will be surrounded by the other buildings of cluster. So library will be in the very centre of it (cluster), adjacent to public transportation.

23. While projecting technological installations an aspiration arose to choose the best and most advanced technologies used in the foreign libraries that would grant a qualitative provision of information for the customers and would be in keeping with safeguard of customers, constructions and information resources and also would supply conditions for comfortable work.

- octogonal plan
- precast concrete pannels
- narrow and high windows, North facade glazed strongly
- disabled full access
- all selected materials economical

## C Technical information about the new building

### a) Floor area (in m<sup>2</sup>)

- 24. 17 393 m<sup>2</sup>
- 25. 4 444,32 m<sup>2</sup>
- 26. 355,93 m<sup>2</sup>
- 27. included into reading rooms, in all zones access to a wireless internet
- 28. none
- 29. 89,48 m<sup>2</sup>
- 30. 280 m<sup>2</sup> entrance area
- 31. 199,10 m<sup>2</sup>
- 32. 106,57 m<sup>2</sup>
- 33. 809,84 m<sup>2</sup>
- 34. 5 398 m<sup>2</sup>
- 35. 4 863,41 m<sup>2</sup>
- 36. The new building will consist of three blocks united by the basement. The constructions will be of 3, 4 and 5 floors overhead not counting basement which will unite all blocks of the library. According to the project 3 floors analogical to the basement's area will be underground: one technical floor and two book storage floors.  
Each block has its own functions:  
The Grand Block – 5 floor construction (customers' zone, public space, workspaces of the library): Basement will have halls assigned for the conferences and exhibitions and here will be situated the department of Information Resources Management, 1-4 floors assigned for the customers' zone.  
The Middle Block – 4 floors construction (customers' zone): Basement floor will have the reading room of up-to-date scientific periodicals, 1-3 floors will have specialized reading rooms.  
The Minor Block – 3 floors construction assigned for the administration: Basement floor will have café and book shop, 1-2 floors will be assigned for the Board of Library Managers, Offices of Public Relations and Information Technologies, Maintenance Division, Reception Room.
- 37. 612
- 38. 18
- 39. 420
- 40. 65

41. 84

**b) Total potential capacity of shelving**

42. 3 910 000 volumes

43. 310 000 volumes

44. 3 600 000 volumes

45. 2 500 000 volumes

46. 2000 items

48. 90

**c) Mechanical features**

49. yes

50. yes

51. yes

53. 5

54. Horizontal and vertical transporters, interlinking book storage premises with reading rooms, info desk (it will also have a function of Lending department) and premises of Information resources management department in the basement floor. According to the project there will be 24 stations and 80 trolleys.

55. Safeguard gates, Systems of security

56. yes

57. inside building: Cat 6 UTP cable, multi-mode optical fiber, WiFi; outside single-mode optical fiber

58. Automatic book return machine with screening module. It will be installed in the territory of the library “previous to the control line” and so it will give an opportunity to return the book before entering the readers’ zone. RFID system for the protection and identification of the publications will be implemented and it will be integrated into the presently used library information system ALEPH. Self-service machines of book delivery. Two machines will stand close to info desk and here will be brought publications for the lending.

**D Schedule of the building process**

59. 2004

60. 2004

61. Project drawings 31 December 2006; competition contractors 2008

62. in the second part of 2008

63. 2008-2010

64. 2011

65. 2011

## E Costs

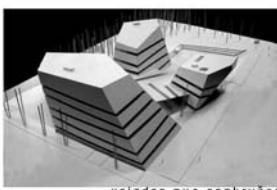
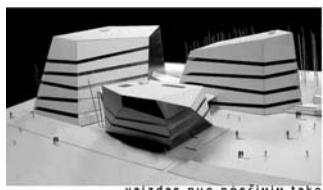
66. free

67. 21 028 067 €

68. 3 412 171 €

69. 368 408 €

70. 32 168 446 € (including 7 359 799 € for other costs: communications (electricity net, roads, plumbing etc.)



**A017** maketo nuotraukos

PALEKO KIWI STUDIO

The model (Architects)

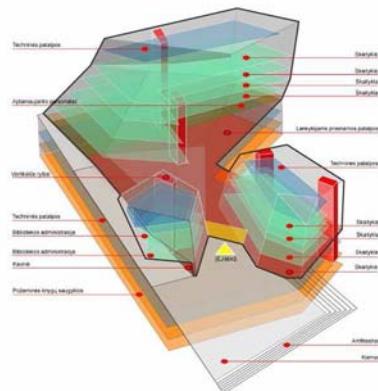


A017 pagrindinis jėjimas

PALEKO ARCH STUDIJA

---

## The Entrance (Architects)



## A017 funkcié schema

PALEKO ARCH STUDIJA

## Functional schema (Architects)

## Weimar, Universitätsbibliothek der Bauhaus- Universität Weimar. Deutschland

### A Allgemeine Information

#### a) Name and Adresse

1. Universitätsbibliothek
2. Universitätsbibliothek der Bauhaus-Universität Weimar
3. Steubenstraße 6, D-99423 Weimar, Deutschland
4. Tel : +49 3643 582801  
Fax : +49 3643 582802  
E-mail : [info@ub.uni-weimar.de](mailto:info@ub.uni-weimar.de)  
Web: <http://www.uni-weimar.de/cms/universitaet/zentrale-einrichtungen/universitaetsbibliothek.html>
5. Dr. Frank Simon-Ritz, [fsimon@ub.uni-weimar.de](mailto:fsimon@ub.uni-weimar.de)
6. Fr. Sylvelin Rudolf, Baureferentin, [sylvelin.rudolf@ub.uni-weimar.de](mailto:sylvelin.rudolf@ub.uni-weimar.de)

#### b) Publikum

7. 7 500
8. 4 000
10. 700

#### c) Situation der Bibliothek (vor dem neuen Projekt)

11. 2 767,10 m<sup>2</sup>
12. 218
13. 415 000 Bände
14. 165 000 Bände
15. 250 000 Bände
16. 39
17. 71 Stunden/Woche und 289 Tage/Jahr

### B Das neue Gebäude: Ziele und Eigenschaften

#### a) Architekt(en)

18. meck architekten, München
19. Andreas Meck
20. Neubau

**b) Ziele des neuen Gebäudes**

21. Die Bibliothek der Bauhaus-Universität Weimar erhält erstmals in ihrer Geschichte ein eigenes Bibliotheksgebäude. Darin werden sowohl ehemals dezentrale Zweigbibliotheken als auch die Hauptbibliothek zu einer organisatorischen und räumlichen Einheit zusammengeführt. Die Bibliothek rückt durch ihre günstige zentrale Lage und Campusnähe unmittelbar zur Universität als auch zur Stadt. Es sollen u.a. 240 unterschiedlich ausgestattete, vernetzte Benutzerarbeitsplätze in attraktiven Fachlesesälen mit entsprechenden Freihandbereichen entstehen. Außerdem entsteht das Audimax der Universität mit über 416 Sitzplätzen.

**c) Spezielle Merkmale**

22. Der Bibliotheksneubau befindet sich in der Innenstadt Weimars auf dem Grundstück einer ehemaligen Brauerei zwischen der Steubenstraße, Schützengasse und dem Frauenplan. Die ehemalige Industriebrache hat sich in einen neu gestalteten Universitätsbereich verwandelt. Der Neubau der Universitätsbibliothek mit Audimax komplettiert das Ensemble in Nachbarschaft zur 1995 bezogenen Teilbibliothek „Limona“, dem Fotostudio der Fakultät Gestaltung, dem 2002 fertig gestellten Mediengebäude „Konrad Zuse“, das das Rechenzentrum, Poolräume und Studios der Fakultät Medien beinhaltet. Der Bibliotheksneubau steht mittels seiner Bauform und den Glas- und Betonflächen im spannungsreichen Kontrast zu den umgenutzten Gründerzeitbauten mit ihren roten Klinkerwänden. Alle übrigen Universitätsstandorte sind in unmittelbarer Nähe. Außerdem befindet sich die Bushaltestelle des öffentlichen Nahverkehrs direkt vor Ort.
23. Das zweiflügelige Gebäude fügt sich passgenau in die vorhandene Bebauungsstruktur und die komplizierten topographischen Gegebenheiten ein. Dabei entstanden drei verschiedenartige Platz- und Hofsituationen, die über Treppen und Wege mit dem Stadtraum verknüpft sind und vielfältige Möglichkeiten bieten, das Quartier zu durchqueren. Am „Hochschulforum“ zeigt die Bibliothek ihre Offenheit mittels einer großflächig verglasten Fassade und vermittelt das abstrakte Bild eines Bücherregals. Der Y-förmige Grundriss (Trennung des öffentlichen und internen Bibliotheksbereichs) öffnet sich nach Norden und bildet eine intime tiefer liegende Hofsituation. Die Büros der Bibliotheksverwaltung sind zur Rückseite des Frauenplans nach Südosten ausgerichtet. Das Gefälle von ca. 4 Metern wird für die großzügigen Eingangssituationen und Foyers der Bibliothek als auch für die Tageslichtbeleuchtung des Audimax genutzt.

Die Betonfassade ist mit einer dunkelgrauen Farbschicht überzogen. In den Foyers dominieren roher Estrich und weiß- bzw. graugestrichener Beton. Im Inneren ist die Bibliothek als auch der Hörsaal mit hellem, naturbelassenem Eichenholz ausgekleidet.

## **C Technische Information über das neue Gebäude**

### **a) Gesamtfläche (in m<sup>2</sup>)**

24. 4 919,64 m<sup>2</sup>, davon 511,35 m<sup>2</sup> für das Audimax
25. 2 716,33 m<sup>2</sup>
26. PC-Pool 50 m<sup>2</sup> mit Multimedia-PCs
27. Carrels und Gruppenarbeitsräume inkl. PC und Videoausstattung  
73 PC-Arbeitsplätze
28. Sondermagazin für historische Buchbestände
29. 50 m<sup>2</sup>
30. Ausstellungsmöglichkeiten auf den Verkehrsflächen
31. Audimax 511,35 m<sup>2</sup>
32. Getränkeautomaten
33. 595,92 m<sup>2</sup>
34. 1 096,06 m<sup>2</sup>
35. 125,00 m<sup>2</sup>
36. 5 Bibliotheksebenen, davon 4 öffentlich zugänglich
37. 240
38. 15 im PC-Pool und 6 in Carrels
39. 73
40. PC-Pool mit 15 Plätzen für Ausbildungszwecke
41. 167

### **b) Gesamtkapazität Stellfläche**

42. 483 000 Bände
43. 198 000 Bände
44. 285 000 Bände
45. 148 000 Bände
46. ca. 100 lfd. m
48. 35

### c) Mechanische Eigenschaften

49. Teilklimaanlageanlage (keine Befeuchtung, keine Zonenregelung) in den öffentlichen Bereichen, Magazine sind vollklimatisiert, im Verwaltungsbereich natürliche Lüftung über Fenster
50. Im gesamten Buchaufstellbereich (Fachlesesäle und Magazin) Gebäudeabtemperierung mit Frischluftversorgung und Wärmerückgewinnung. Carrels und Gruppenarbeitsräume mit Wandheizung. Im Verwaltungsbereich Fußbodenheizung.
51. Beleuchtung überwiegend mit Energiesparlampen, Einzelschaltungen, Zentralschaltungen. Steuerung über EIB. Individuelle Arbeitsplatzbeleuchtung Leseplätze, Carrels, Gruppenräume.
52. schallabsorbierende Holzverkleidungen der Decken und teilweise der Wände, Akustikdecken im Verwaltungsbereich
53. 2 kombinierte Personen- und Lastenaufzüge, Treppenschrägaufzug am Behindertenzugang des Audimax
54. Transporte per Bücherwagen und Aufzüge
55. Buchsicherungsanlage
56. Rechnergestützte Gebäudeleittechnik. Aufschaltung Brandmeldeanlage, Videoüberwachung, elektronische Türschließanlage, Zutrittskontrolle, zentrale Beleuchtungsanlage
57. strukturierte ICAT-7-Verkabelung, Gigabit-Ethernet, Anbindung an das Universitätsnetz über Monomode LWL, WLAN im gesamten Gebäude, Anbindung an Telekommunikationsanlage der Universität Voice IP
58. Mechanische Entrauchung nach Brandschutzkonzept, Hochdrucknebelwasserlöschanlage HNLA mit vier vorgesteuerten Bereichen (z.B. Foyer, Wasservorhang Magazin). Elektronische Lautsprecheranlage ELA, Fluchttürsteuerung

### D Zeitplan

59. Planung, Bauprogramm: 1994, Bauantrag 1998
60. Städtebaulicher Wettbewerb 1991
61. Machbarkeitsstudie 1997, Planungsbeginn 1998
62. Februar 2002
63. bis Juli 2005
64. August 2005
65. Probebetrieb September 2005, Eröffnung am 25. Oktober 2005

## **E Kosten**

- 66. war bereits Landeseigentum
- 68. 1 200 000 € (einschließlich Audimax)
- 70. Total: 18 000 000 € (einschließlich Audimax)

## **F Veröffentlichungen**

Wendler, Eberhard: Der Bibliotheksneubau der Bauhausuniversität Weimar. in: GFF / glasforum: Zeitschrift für Glas Fenster Fassade Metall Jg. 11 (2007), Nr. 4, S. 67-69, ISSN: 1432-6264.

Bibliotheks- und Hörsaalgebäude in Weimar. Library and Lecture Hall in Weimar, in: Architektur + Wettbewerbe: AW, 209 (2007), Nr. 3, S. 20-23, ISSN: 0341-2784.

Völker, Kurt: Für Bücher und Menschen, in: Bautenschutz + Bausanierung: B + B; Bauen im Bestand: Jg. 30 (2007), Nr. 1, S. 33-34, ISSN: 0170-9267.

Bachmann, Wolfgang: Bibliotheks- und Hörsaalgebäude Weimar, in: Baumeister, Jg. (2005), Nr. 11, S. 50-59, ISSN: 005-674X.

Bibliotheks- und Hörsaalgebäude in Weimar. Library and lecture hall in Weimar, in: Detail, Jg. 45 (2005), Nr. 11, S. 1254-1258, ISSN: 0011-9571.

Weckerlin, Gernot: Bauhaus-Universität Weimar. Neubau des Bibliotheks- und Hörsaalgebäudes, in: Bauwelt, Jg. 96 (2005), Nr. 38, S. 26-31, ISSN: 0005-6855.

Ziegenhardt, Oliver: Bücherschrank mit Rotznase, in: Das Deutsche Architektenblatt, Ausgabe Ost, Jg. 37 (2005), Nr. 11, S. 049-050, ISSN: 0946-9370.

Bibliotheks- und Hörsaalgebäude Weimar. (Baukulturführer 20). Hrsg. Nicoletta Baumeister. Amberg: Büro Wilhelm 2005. 31 S.

Simon-Ritz, Frank: Im Herzen der Universität - der Bibliotheksneubau der Bauhaus-Universität Weimar, in: Bibliothek Forschung und Praxis, Jg. 27 (2003), Nr. 1/2, S. 122-124, ISSN: 0341-4183.

Rudolf, Sylvelin: Der Neubau der Universitätsbibliothek Weimar, in: dbv Mitteilungen Landesverband Thüringen im deutschen Bibliotheksverband Jg. 10 (2003), Nr.2, S. 3-5.



Westfassade (Foto: Alexander Burzik, Bauhaus-Universität)



Fachlesezone Ebene +1 (Foto: A. Burzik, Bauhaus-Universität)

meck architekten



Bibliotheks- und Hörsaalgebäude  
Ebene +1

Ebene +1 ■ Fachlesezone (meck architekten, München)

## Wildau, Hochschulbibliothek TFH Wildau. Deutschland

### A Allgemeine Information

#### a) Name und Adresse

1. Hochschulbibliothek
2. Hochschulbibliothek, TFH Wildau
3. Bahnhofstrasse / Halle 10, TFH Wildau, D-15745 Wildau
4. Tel : +49 3375 508123  
Fax : +49 3375 508282  
E-mail : [tfhbib@bib.tfh-wildau.de](mailto:tfhbib@bib.tfh-wildau.de)
5. Dr. Frank Seeliger
6. Frau Sabine Donau

#### b) Publikum

7. 6 000 (Angehörige der TFH u. Fremdnutzer)
8. 3 000
9. 500
10. 198

#### c) Situation der Bibliothek (vor dem neuen Projekt)

2 kleinere Standorte, geringe Raum- und Regalkapazitäten  
11. 1 400 m<sup>2</sup>  
12. 150  
13. 3 500 laufende (lfd.) Regalmeter (inkl. Archiv)  
14. 3 000 lfd. Regalmeter  
15. 500  
16. 5,7  
17. 46h, Montag – Sonnabend, ausser an Feiertagen

### B Das neue Gebäude: Ziele und Eigenschaften

#### a) Architekt(en)

18. Chestnutt\_Niess  
Köpenicker Straße 48-49, D-10179 Berlin (Mitte)
19. Frau Chestnutt, Herr Niess

20. Neubau/Erweiterung/Renovation

**b) Ziele des neuen Gebäudes**

21. neue zentrale Bibliothek mit größerem Raumangebot und Symbiose mit Mensa/Cafeteria (beide Nutzer teilen sich das Gebäude)

- attraktivere und bessere Studier- und Forschungsmöglichkeiten für Angehörige der TFH in einer zentralen Einrichtung
- grössere Bestände in Freihand-Aufstellung, von 1 800 laufenden Regalmetern auf 3 000 erhöht
- mehr Benutzerarbeitsplätze, von 40 auf 150 Arbeitsplätze vermehrt
- EDV und AV-Material, mehr Arbeitsplätze mit LAN u. WLAN Anschluß inkl. eigener Mediathek mit 9 Arbeitsplätzen
- Schulung von nichtuniversitärem Publikum, gewollt für räumliche Einbindung der TFH Wildau und Betreuung für alle Lebenszyklen für Rekrutierung von Studenten über Kinder-Universität bis hin zum alumni-Grundsatz (Senioren-Seminare)
- Erweiterung der Öffnungszeiten der Bibliothek, da Bibliothek ein Lern- und Studierort werden soll (digitale Bibliothek ist bereits 24/7)

**c) Spezielle Merkmale**

22. Die Bibliothek liegt auf dem Campus, in der Mitte der Gemeinde Wildau, gleich neben der S-Bahn Nr. 46 von Berlin nach Königs-Wusterhausen.

23. Bauen im denkmalgeschützten Bestand  
Quader, also rechteckig  
viel Glas (z.B. Laterne bzw. Oberlicht, komplette Ostfassade), teils hohe Fenster  
behindertengerecht

**C Technische Information über das neue Gebäude**

**a) Gesamtfläche (in m<sup>2</sup>)**

24. 1 400 m<sup>2</sup>  
25. ca. 1 200 m<sup>2</sup>  
26. in Mediathek mit 9 Arbeitsplätzen abspielbar

27. 30 Terminals (Thin-Clients), 4 PC's in carrels, 4 RFID-Selbstverbucher
28. an TFH entstandene Abschlußarbeiten
29. mit Mediathek 3 Räume
30. nicht explizit vorhanden
31. im EG für ca. 40 Personen
32. Cafeteria u. Mensa im gleichen Haus im Erdgeschoss
33. vier Büros und eine Teeküche
34. im Keller des Nachbarhauses (Haus 13)
35. k.A.
36. vom 1. Obergeschoß bis 3. OG um offenen Innenraum
37. 150
38. 9
39. 34
40. 3
41. k.A.

**b) Gesamtkapazität Stellfläche**

42. ca. 91 000 Bücher und 140 Zeitschriften
43. 3 000 lfd. Regalmeter
44. 500 lfd. Regalmeter im Nachbargebäude als Archiv
45. keine
46. ca. 1 000 Medien
47. k.A.
48. 5,7

**c) Mechanische Eigenschaften**

49. Belüftungsanlage
50. Fußbodenheizung und Heizkörper
51. eine mit Sensortechnik ausgestattete Lichtsteuerung für einzelne Bereiche (die mittels Oberlicht ausreichend versorgt werden können) wird in I/2008 realisiert
52. integrierte Lautsprecheranlage
53. 1 Aufzug
54. nein
55. Buchsicherung auf RFID-Basis
56. Sensoren für Brandschutz, Bewegungsmelder für Alarmschaltung

57. WLAN in gesamter Bibliothek
58. k.A.

## **D Zeitplan**

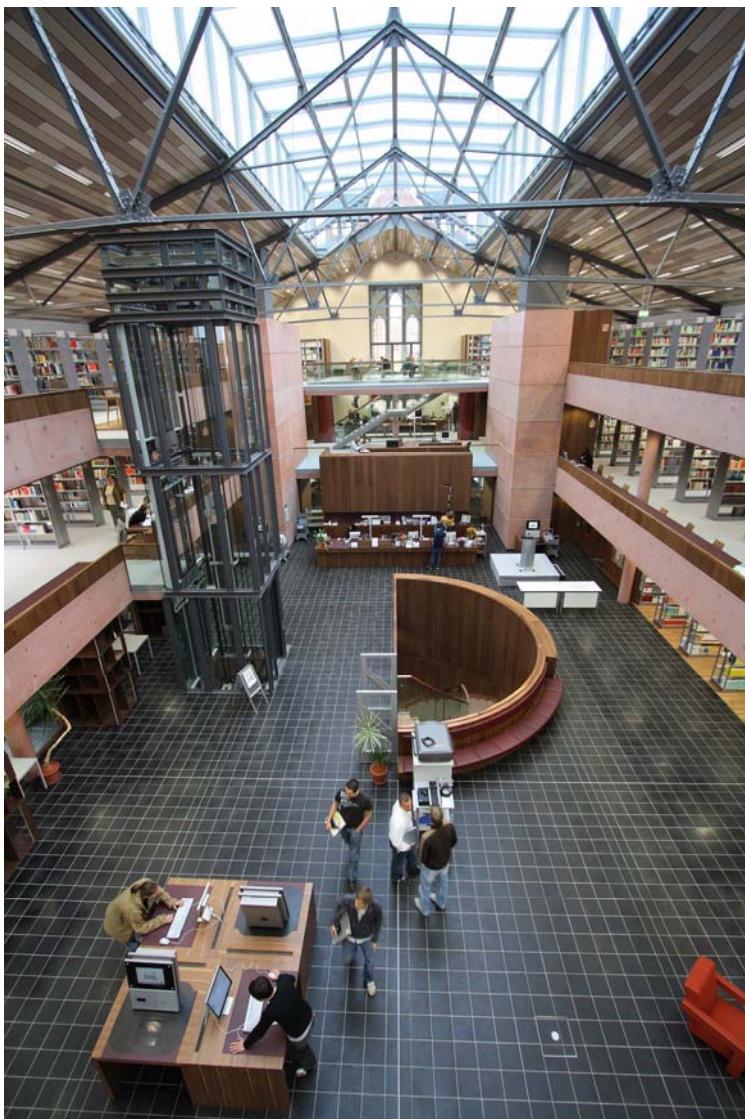
59. seit 1997
60. ja
61. ja
62. 2002
63. 5 Jahre
64. Sommer 2007
65. 11.9.2007

## **E Kosten**

66. gehört der Hochschule/Bundesland
67. 10 000 000 €
68. – 69. k.A.
70. 12 000 000 €



Die alte Industriehalle für die Bibliothek und Mensa  
(Foto: Marcus von Amsberg)



Blick auf das Piano Nobile und die beiden es umkränzenden Geschosse  
(Foto: Frank Stein)

## Seminar programme

### Building on experience: Learning from the Past to Plan for the Future

**Tuesday, 8<sup>th</sup> April 2008**

**Venue: National Széchényi Library, Budapest**

12:00 – 13:00	Registration
13:30 – 14:00	<b>Opening</b> Director of The National Széchényi Library Ministry of Culture, Library Division Chair of LIBER Architecture Group, Ulrich Niederer
14:00 – 15:30	<b>Session 1: Lessons learned</b> Graham Bulpitt: <i>Introduction</i> Marie-Francoise Bisbrouck: <i>Evaluation of university library buildings in France</i>
15:30 – 16:00	Coffee break
16:00 – 17:30	Poster session <b>Session 2: Case studies in library buildings – then and now</b> Elmar Mittler: <i>The German Experience</i> Valerie Vesque-Jeancard, Bibliotheque Nationale de France: <i>A dynamic assessment of the François Mitterrand Library (Bibliothèque Nationale de France)</i> Ewa Kobierska-Maciuszko: <i>Warsaw University Library: Experience 10 years after</i>
17:30	Guided tour to The National Széchényi Library
Evening	Free evening

**Wednesday, 9<sup>th</sup> April 2008**

**Venue: National Széchényi Library, Budapest**

9:00 – 11:00	<b>Session 3: Sustainable Architecture</b> Gerd Schablitzki, Umweltbundesamt, Dessau: <i>Sustainable Architecture: Truly ecological, or just a label? - Ambition and reality in building the new Federal Environment Agency's office and library complex in Dessau</i>
--------------	---

**Wednesday**

9:00 – 11:00	Pat Noon: <i>The Lanchester Library at Coventry University</i>
11:00 – 11:30	Coffee break
	Poster session
11:30 – 13:00	<b>Session 4: Contributed papers</b>
	Carine El Bekri-Dinoird: <i>Reims: From a library to another: The new Reims Academic Library Robert de Sorbon</i>
	Søren Clausen: <i>Copenhagen Faculty Library for Humanities</i>
	Hans van Velzen, director, and Jo Coenen, chief government architect: <i>Amsterdam Public Library</i>
13:00 – 14:00	Lunch
	Poster session
14:00 - 15.30	<b>Session 5: Refurbishing</b>
	Speakers and titles to come
15:30 – 16:30	Transfer to Budapest Public Library by public transport
16:30 – 18:00	Coffee served at Budapest Public Library, followed by guided tours
Evening	Optional program: Sightseeing tour by boat, including buffet dinner

**Thursday 10<sup>th</sup> April 2008****Study tour to Nyíregyháza and Debrecen**

8:00	Travelling from Budapest to Nyíregyháza and Debrecen by bus
11:00	Arrival at Nyíregyháza. Pick up by coach
11:30 – 15:30	Visits at Public Country Library and College Library, coffee break and lunch break
15:30	Departure to Debrecen by coach
16:00 – 17:30	Visit to New Country Library in Debrecen
18:00	Arrival by coach at hotels
19:00	Conference dinner

**Friday, 11<sup>th</sup> April 2008****Venue: Debrecen University Library**

9:00 – 10:30	<b>Session 6: Lightning</b>
	Raymond Belle: <i>How to highlight your library – the power of light!</i>
10:30 – 11:00	Marina Vio, professor IUAV University, Venice
	Coffee break

<b>Friday</b>	<b>11:00 – 12:30</b>	<b>Session 7: The right questions to the Architects</b>
		André Lohisse & Françoise Sogno, University Library
		Paris Dauphine: <i>Architects and librarians under pressure: dialoguing about the renovation of a library in a constrained environment</i>
		Teresa Pages I Gilibets, Biblioteca Jordi Rubio i Balaguer, Sant Boi de Llobregat, & Ignasi Bonet, Architect
		Seccio de Planificacio i Programacio, Servei de Biblioteques, Diputacio de Barcelona: <i>Sant Boi de Llobregat Central Library, a good practice: librarian and architect working together, from the past to the future</i>
		12:30 – 14:00
		Lunch and guided tours to Debrecen University Library
		14:00 – 15:30
		<b>Session 8: Hungarian Libraris</b>
		Szeged
		<i>Regional Library of Pecs</i>
		<i>New Library of University of Economics, Budapest</i>
		15:30 – 16:00
		Coffee break
		<b>Session 9: New Models</b>
		Les Watson, Saltire Centre Glasgow Caledonia University: <i>Building Libraries for Learning, the Saltire Centre at Glasgow Caledonian University</i>
		2nd speaker and title to come
		16:00 – 17:30
		<b>Dr. rer. nat. Herbert Kristen, Deputy Librarian. University Library Karlsruhe: 24/7 – virtual services and a new extension of the University Library Building in Karlsruhe</b>
		<b>Conclusions</b>
		17:30 – 18:00
		Ulrich Niederer, chair, LIBER Architecture Group
		Evening
		Free evening

Saturday 12th April 2008

## Return to Budapest by train

08:00 Departure. Arrival at noon.

Poster session in The National Széchényi Library: By open invitation